

FIG.1

RELATED ART

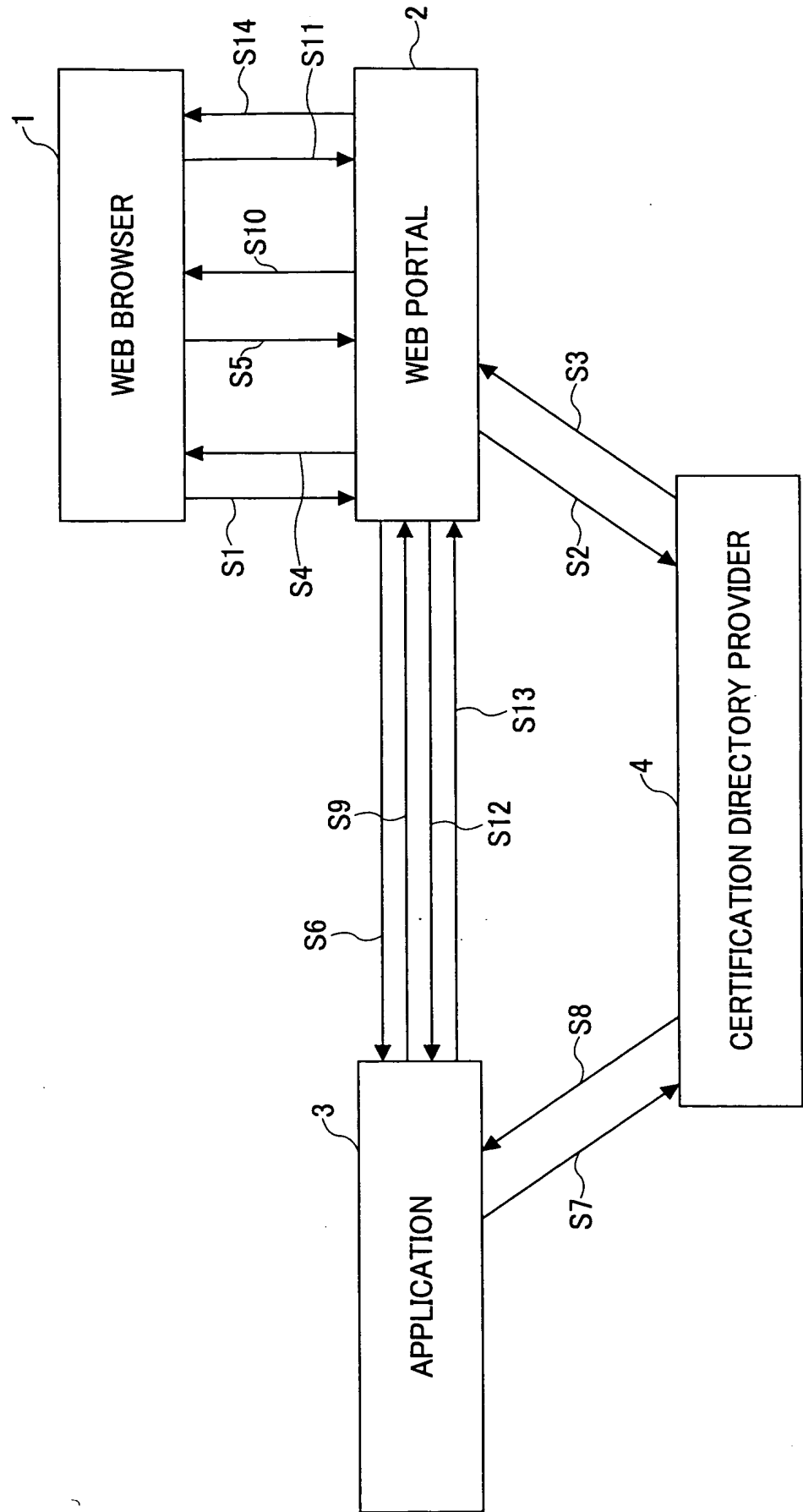


FIG.2

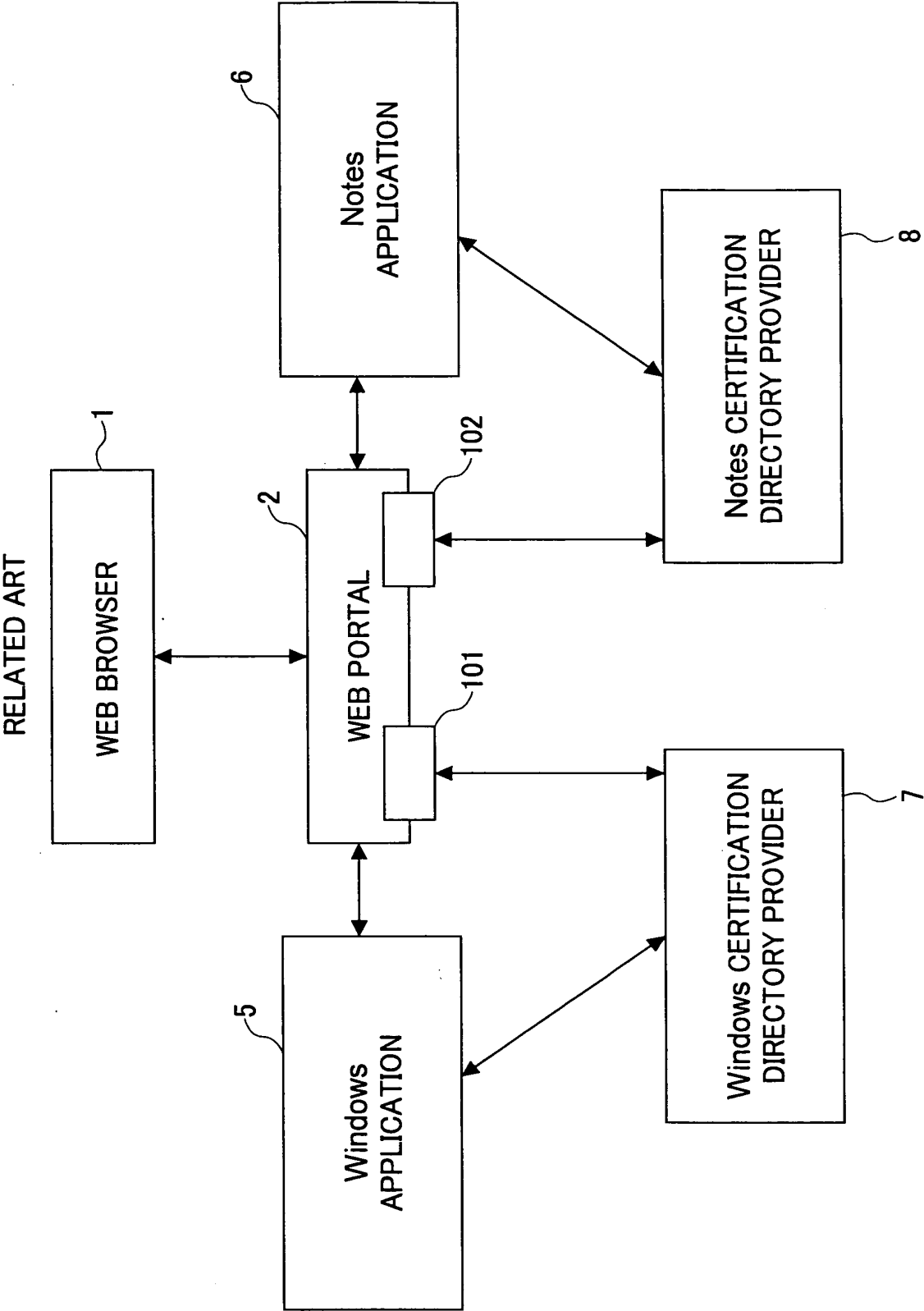


FIG.3

RELATED ART

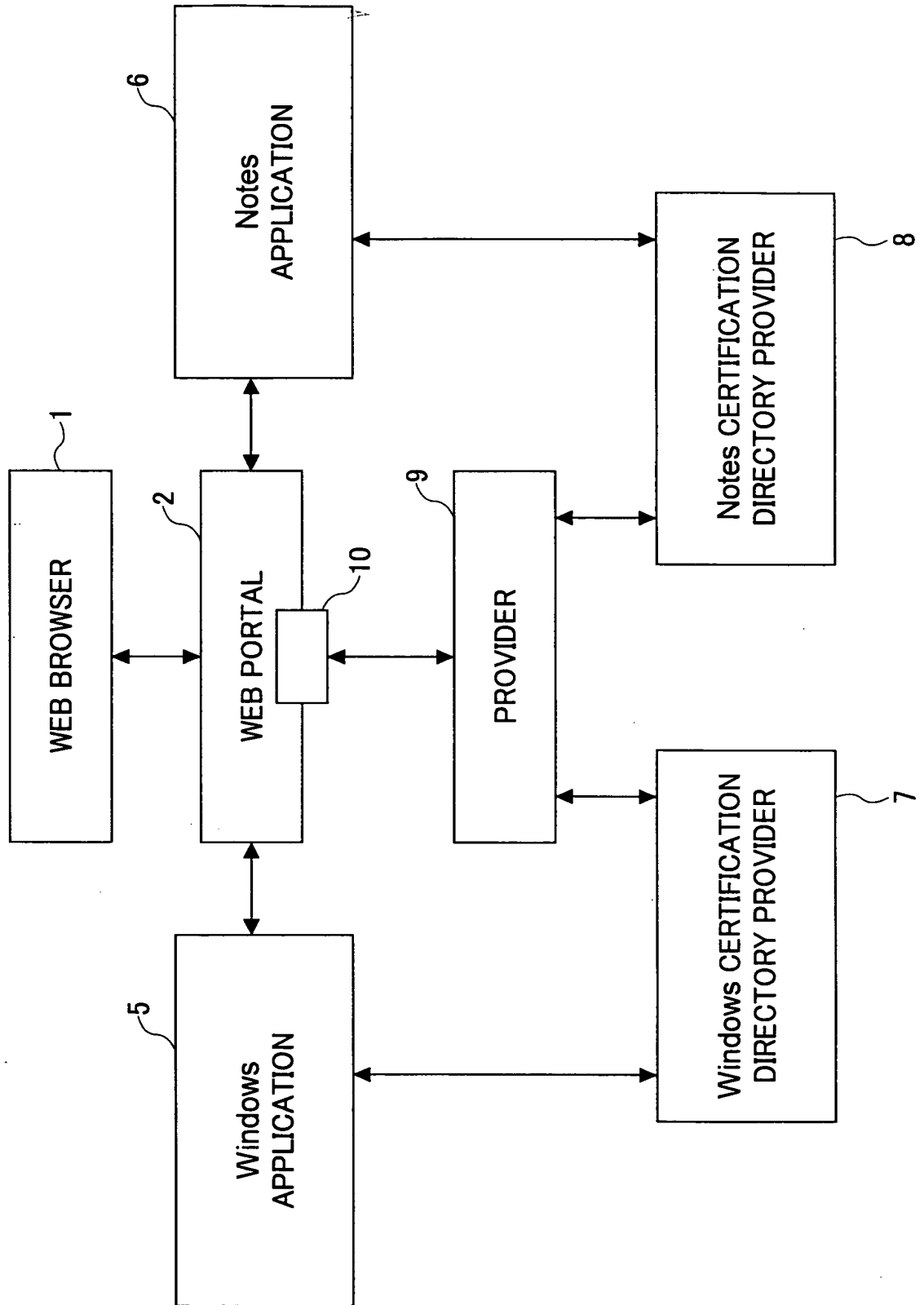


FIG.4

RELATED ART

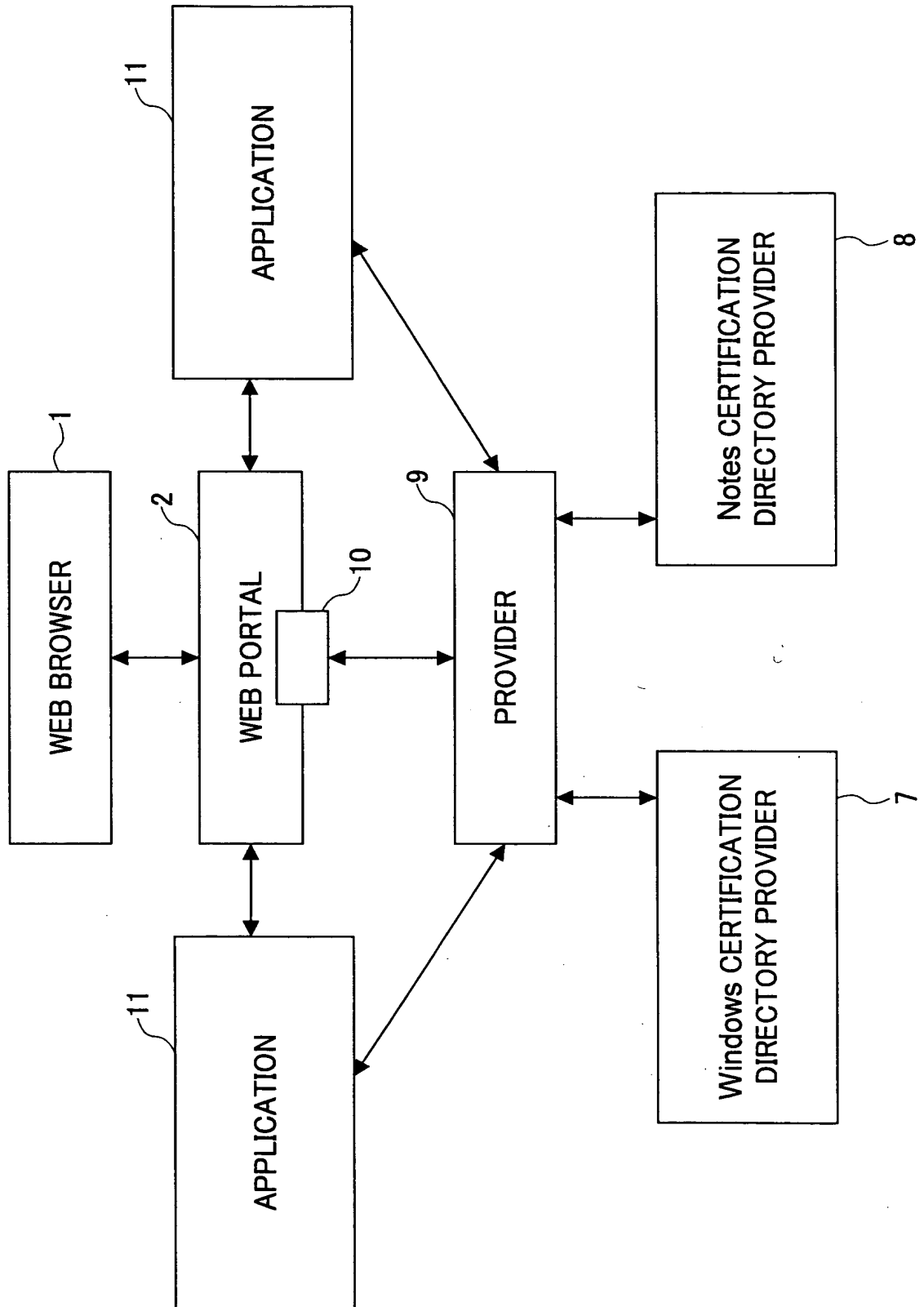


FIG.5

RELATED ART

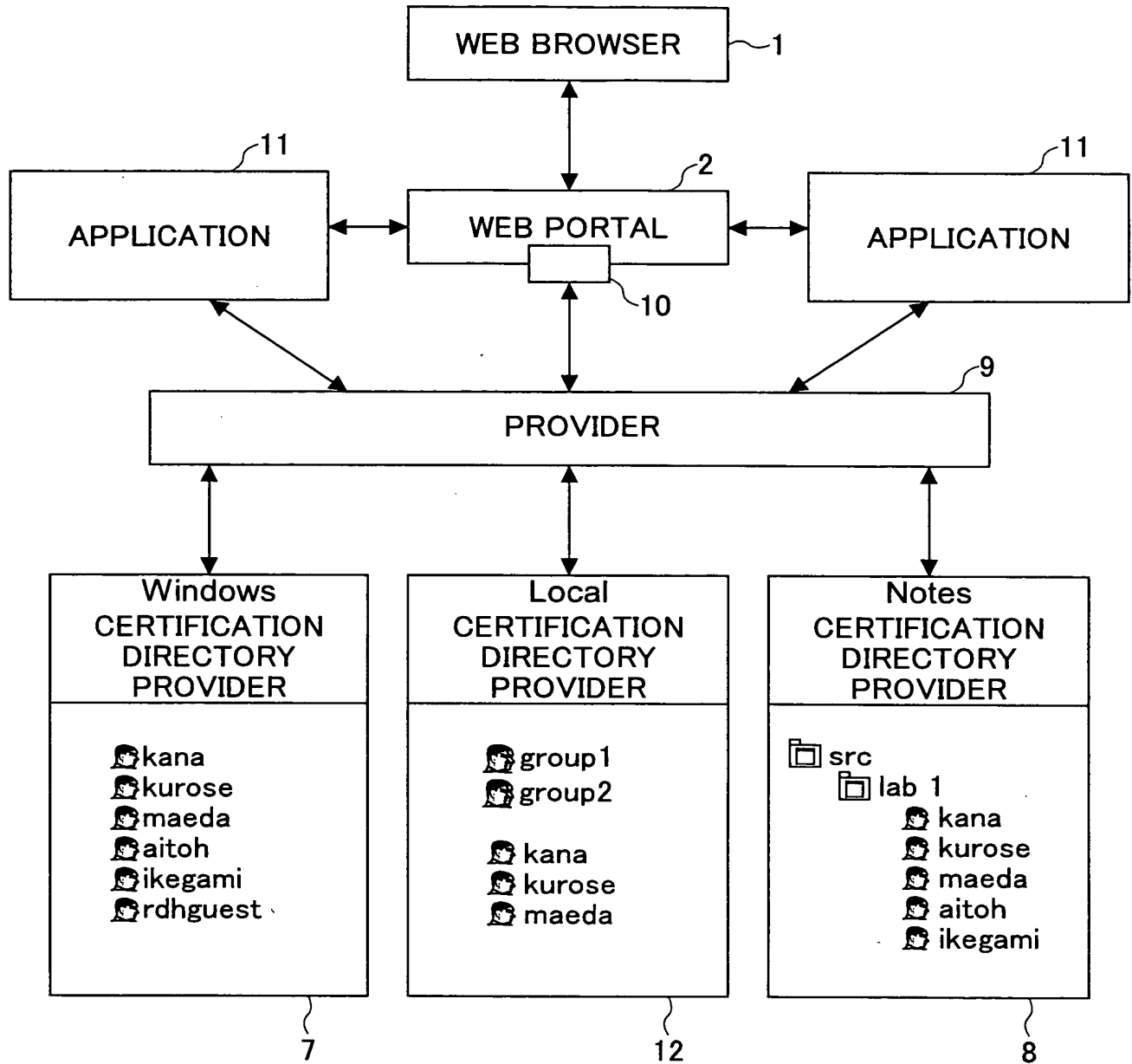


FIG.6

RELATED ART

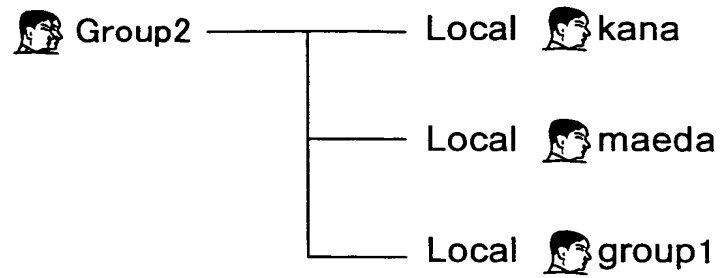


FIG. 7

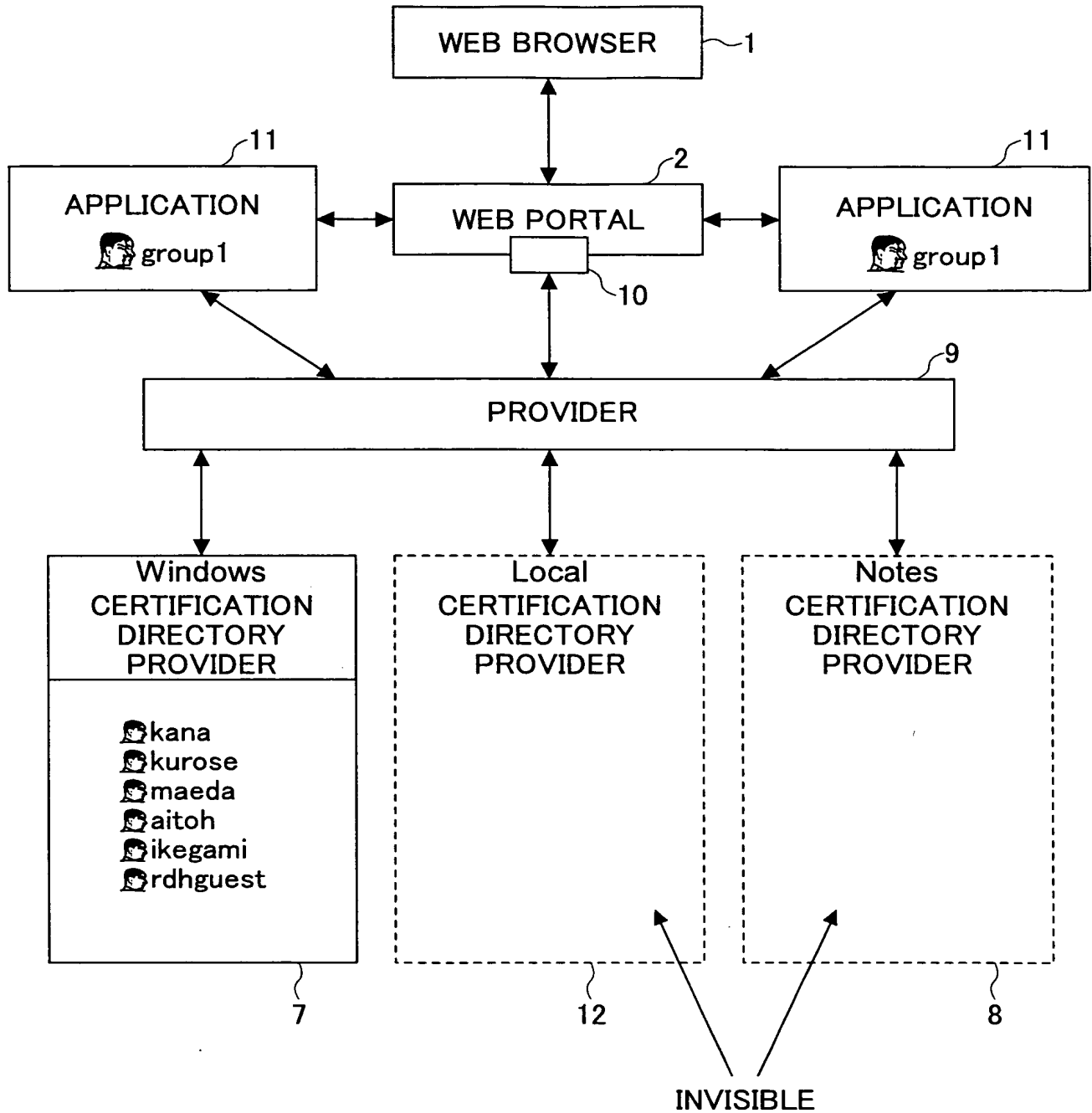


FIG.8

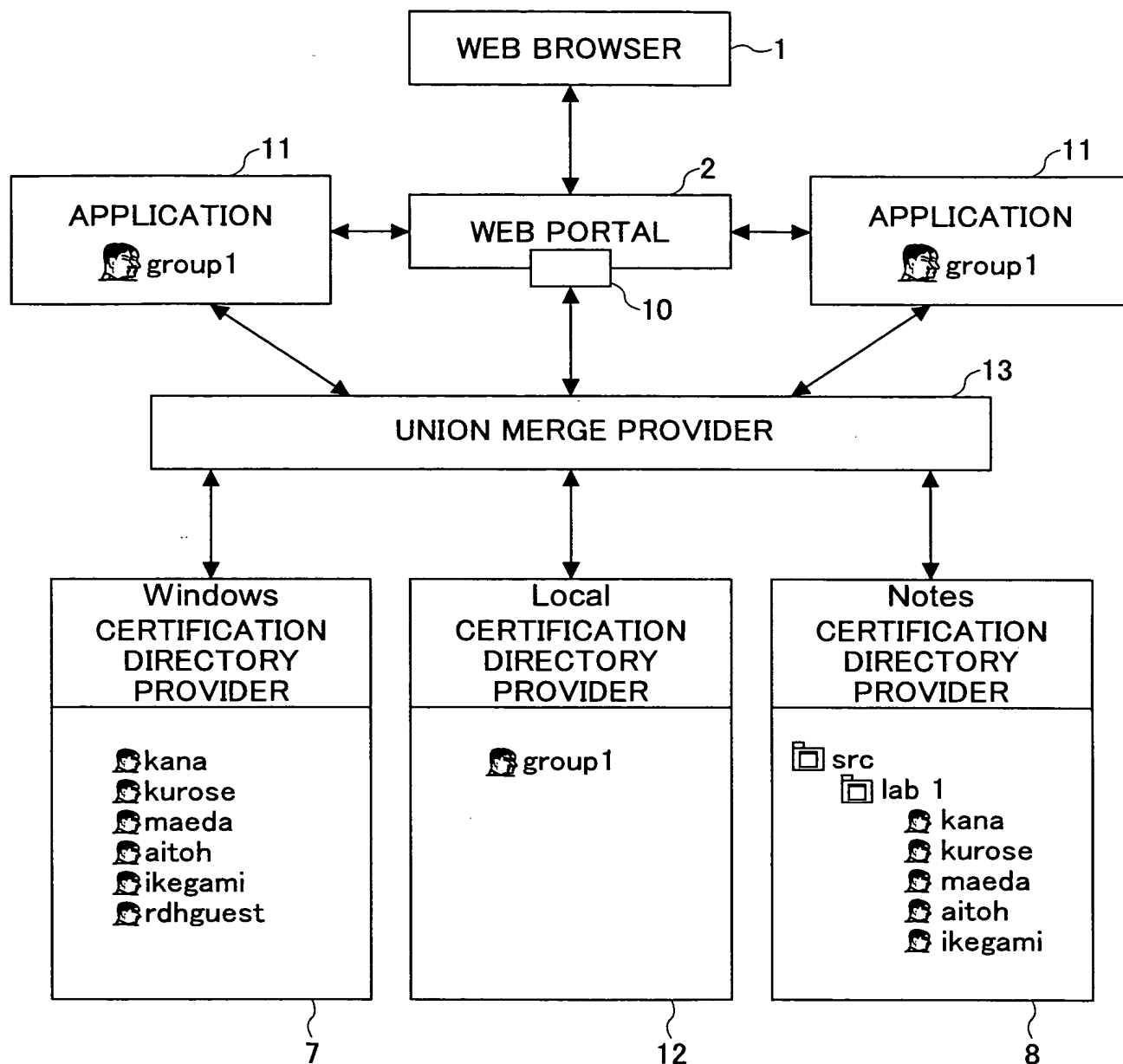


FIG.9

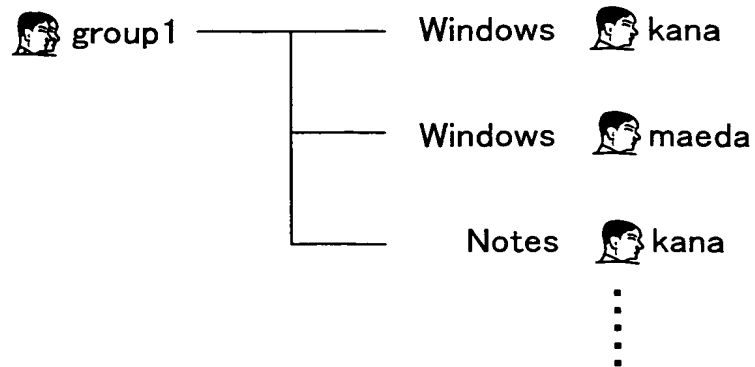


FIG.10A

ID TYPE
IDENTIFIER OF CERTIFIED PROVIDER
USER IDENTIFIER IN CERTIFIED PROVIDER

FIG.10B

U: Windows: kana
U: Notes: kana

FIG.11

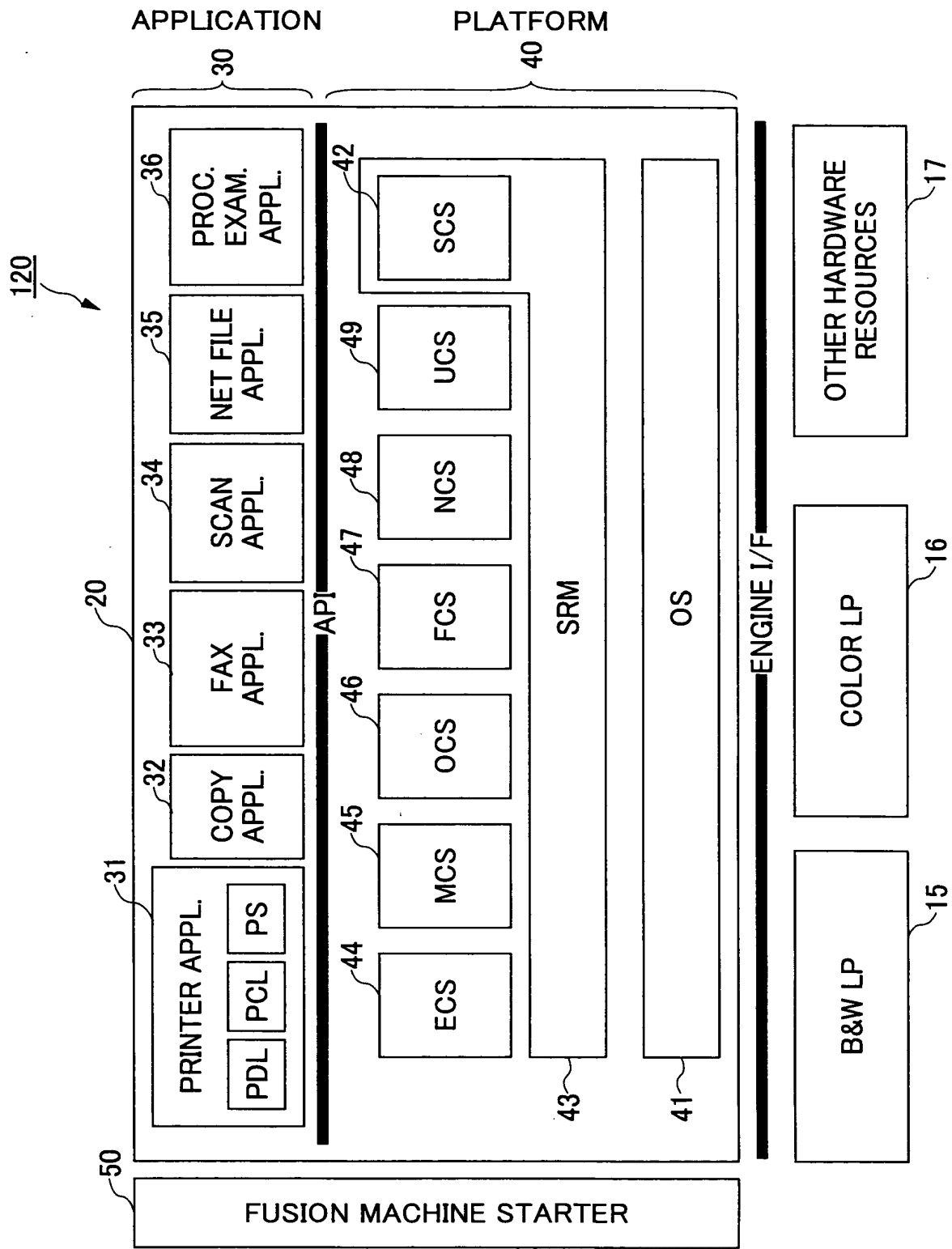


FIG.12

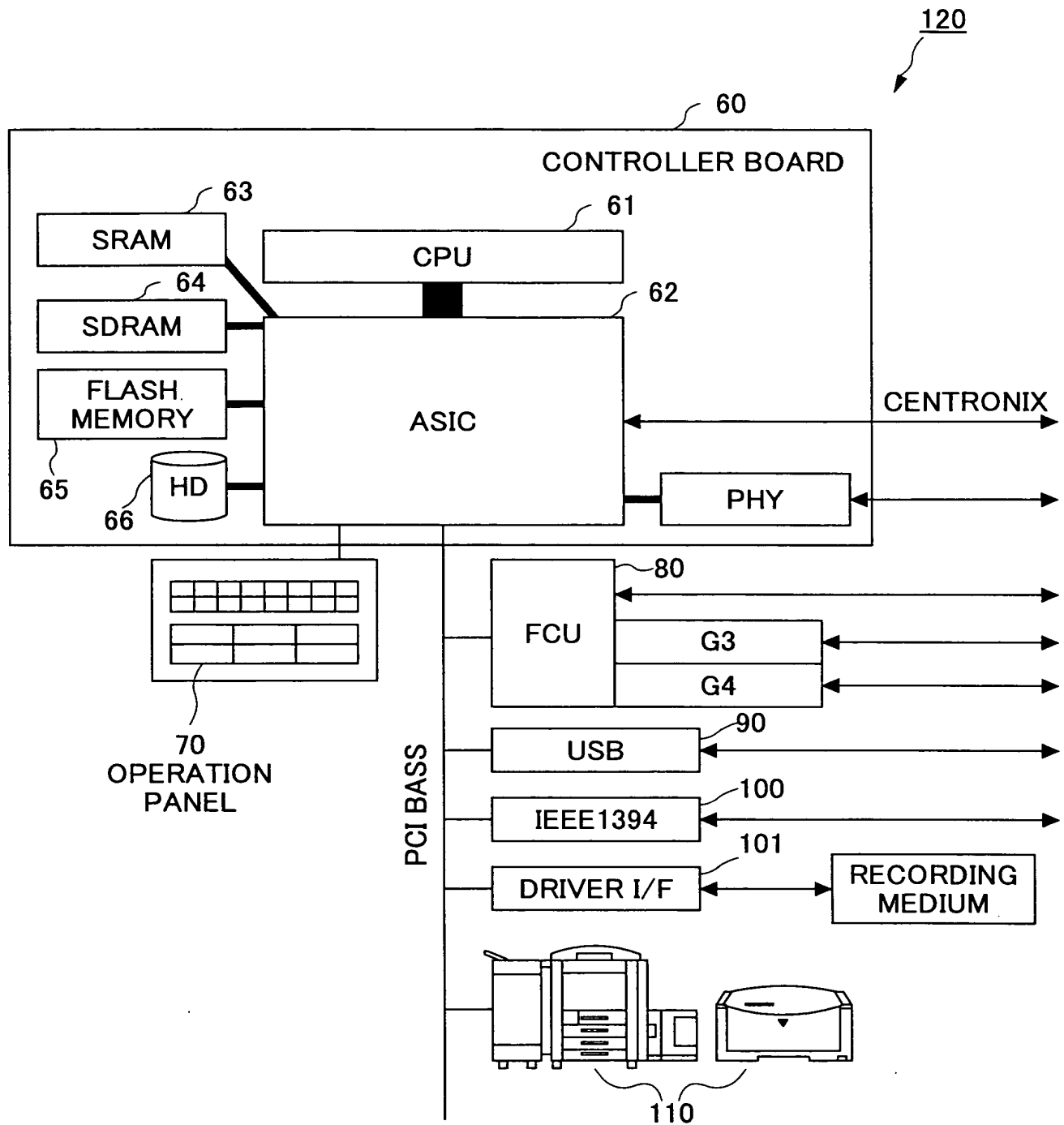


FIG.13

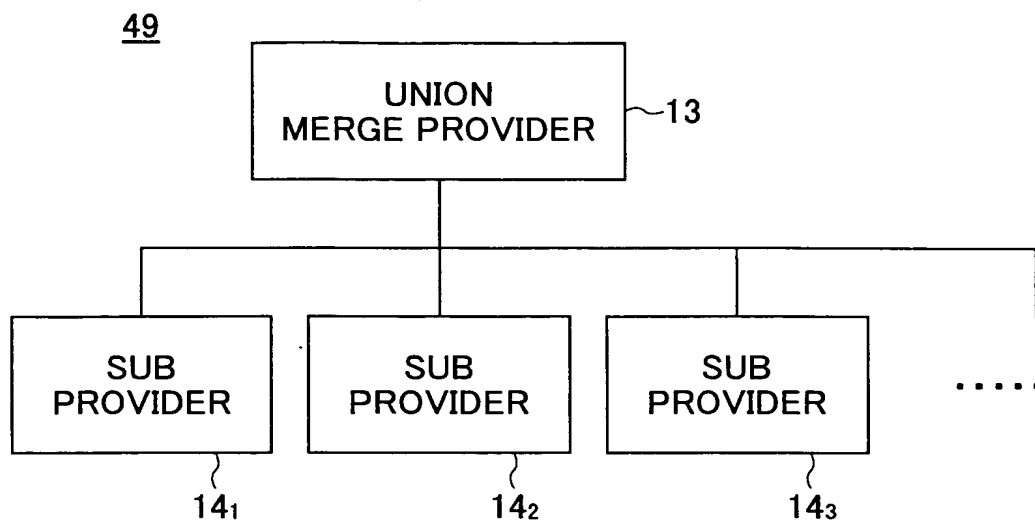


FIG.14

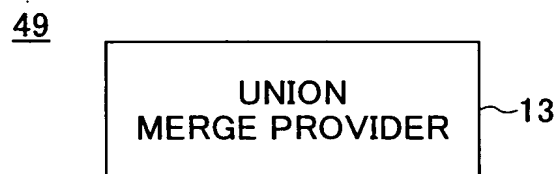


FIG.15

49

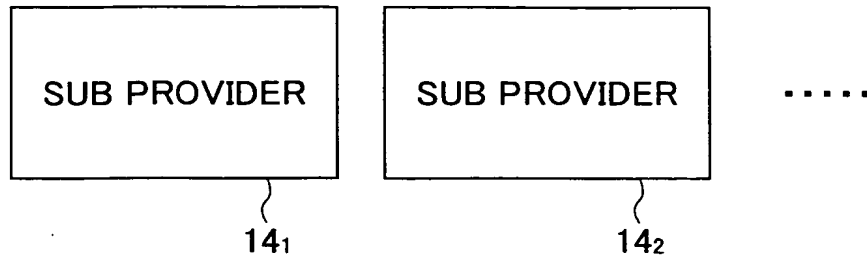


FIG.16

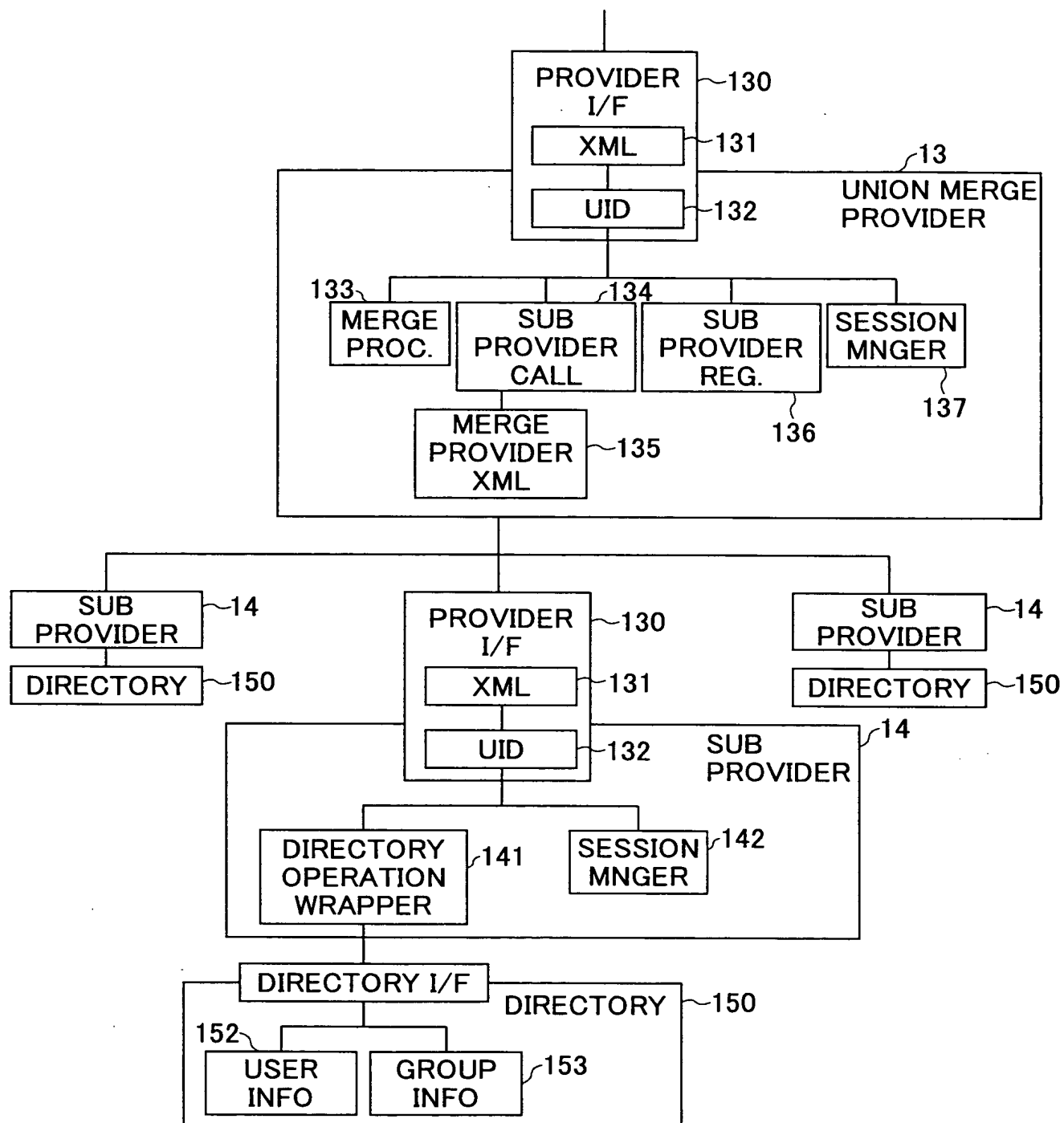


FIG.17

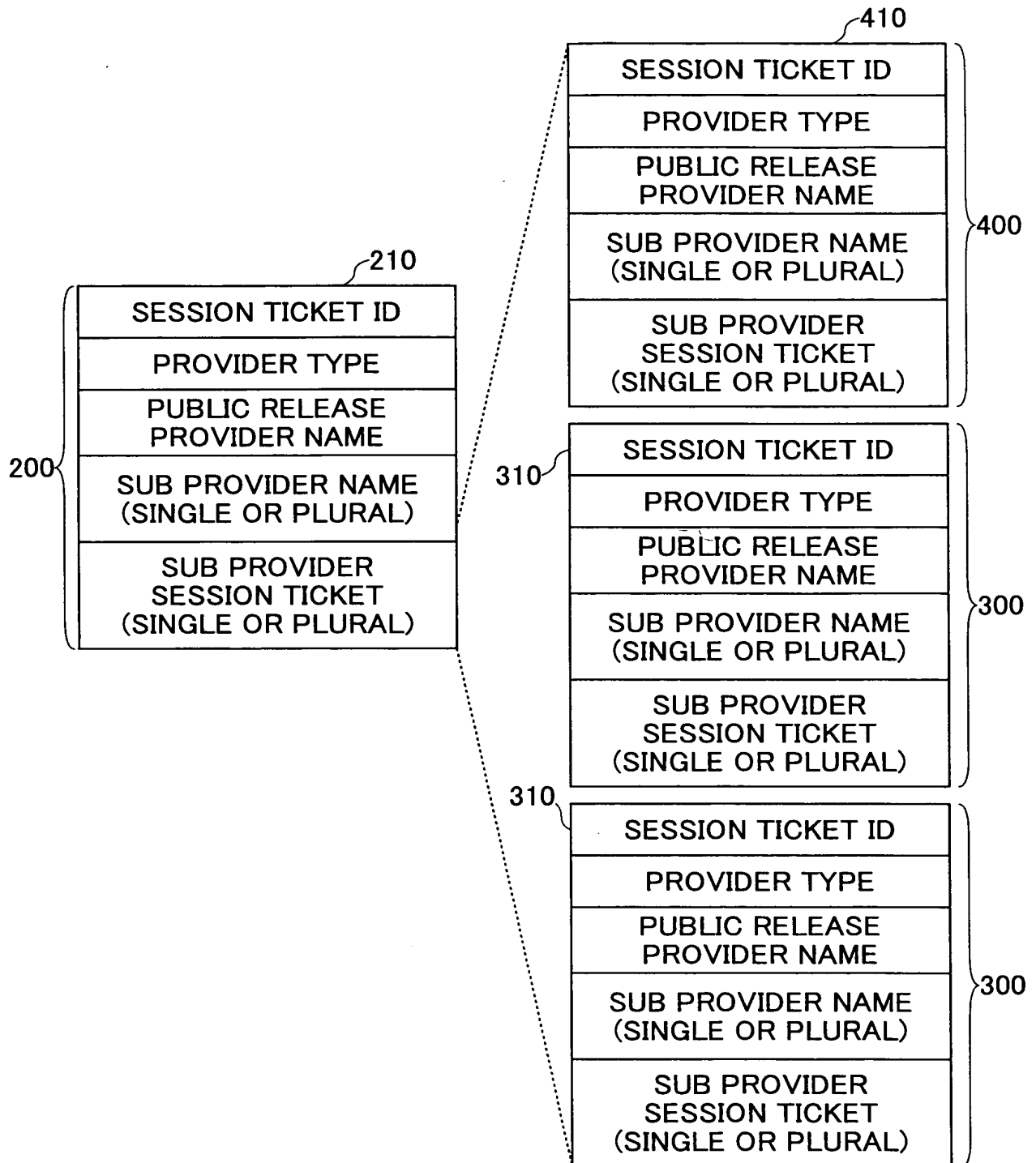


FIG.18A

```
<SOAP-ENV:Body>
  <tmns:searchEntry
    <session>10400071936</session>
    <folder>
      <pathName>Domain</pathName>
      <id />
      <phoneticName>Domain</phoneticName>
      <name>Domain</name>
      <folderType>root</folderType>
    </folder>
    <query>87987988</query>
    <queryOptions/>
    <propFilter>isUser</propFilter>
  </tmns:searchEntry>
</SOAP-ENV:Body>
```



```
LDAP://host/ou=people,dc=Domain,
(&(rdhId=87987988)(objectclass=person))
```

FIG.18B

```
<soapenv:Body>
  <ns1:decodeAuthTicketResponse >
    <returnValue>OK</returnValue>
    <ticketInfo>
      <expireDate>2002-12-16T10:46:59.629Z</expireDate>
      <userInfo>
        <id>U:local:87987988</id>
        <principalType>user</principalType>
        <domainName>Domain</domainName>
        <name>金松 俊宏</name>
      </userInfo>
    </ticketInfo>
  </ns1:decodeAuthTicketResponse>
</soapenv:Body>
```



```
objectclass=person
givenname;lang-en=Toshihiro
cn=金松 俊宏
uid=87987988
rdnCanonical=CN=Toshihiro Kanematsu/Domain
givenname;lang-ja=俊宏
givenname=俊宏
sn=金松
userpassword={SHA}AkeM77KHG5hvjsrS++n/UYpIASc=
gtisMailMagflag=1
c=jp
gtisSectioncode=LEDQ00000
```

FIG.19

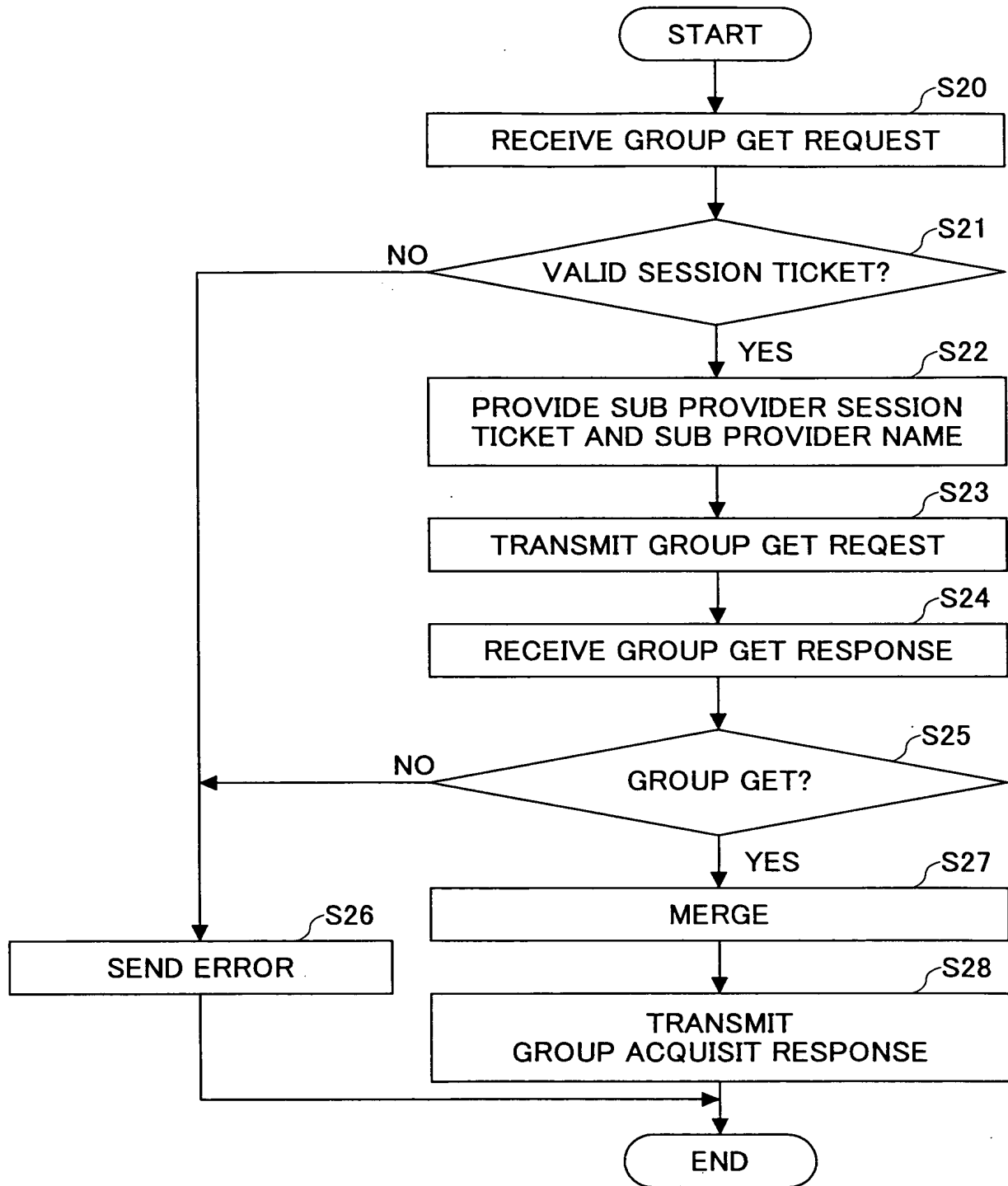


FIG.20

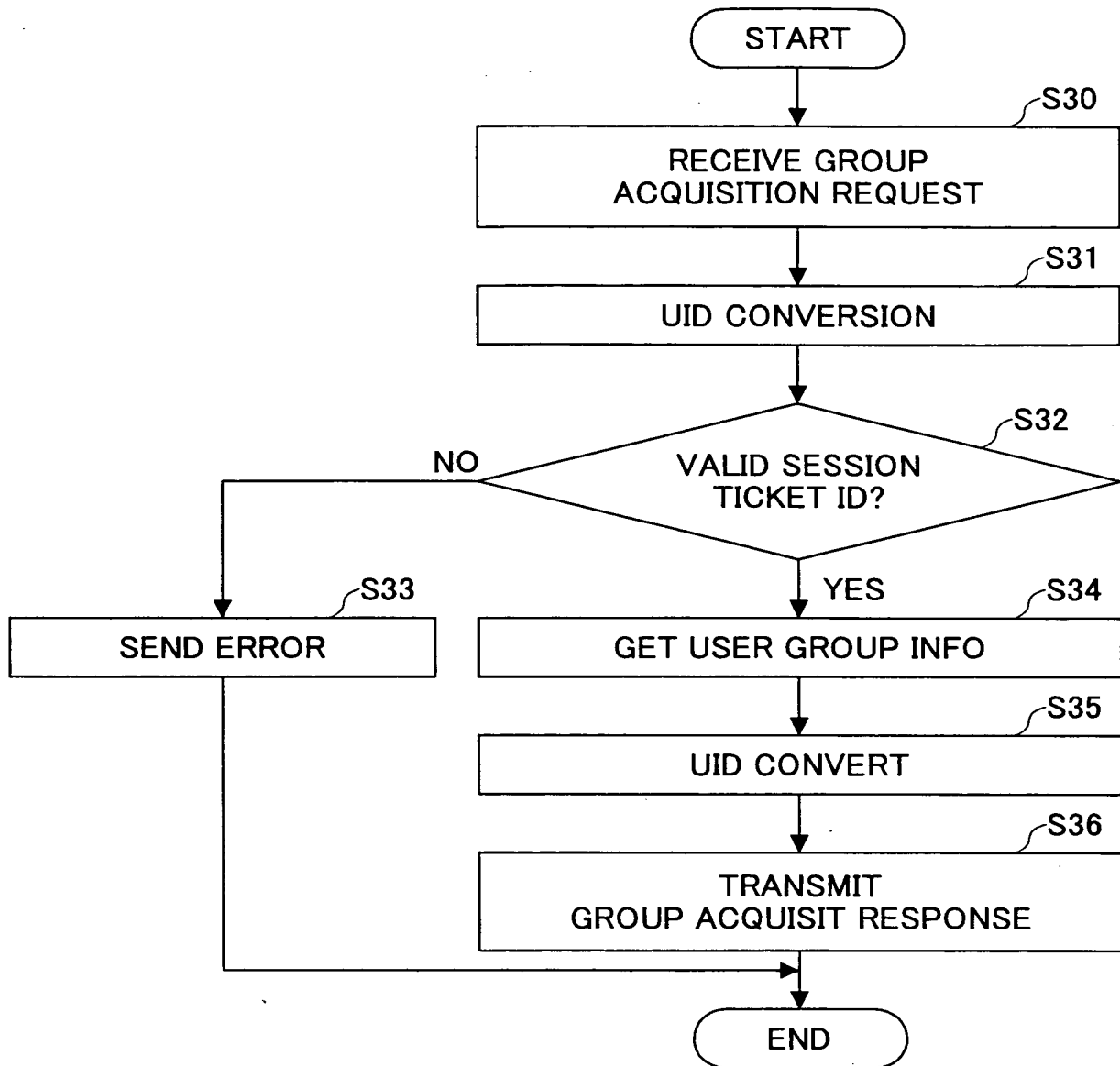


FIG.21

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForID>
      <sessionTicket>Y33ggygyreg</sessionTicket>
      <id>U:WinNT4:323-53454244</id>
    </getGroupListForID>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.22A

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForID>
      <sessionTicket>Y33234goreg</sessionTicket>
      <id>U:WinNT4:323-53454244</id>
    </getGroupListForID>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.22B

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForID>
      <sessionTicket>Yhigeh3325</sessionTicket>
      <id>U:WinNT4:323-53454244</id>
    </getGroupListForID>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.22C

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForID>
      <sessionTicket>grergregrerh</sessionTicket>
      <id>U:WinNT4:323-53454244</id>
    </getGroupListForID>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.23A

```
<SOAP-ENV:Envelop >  
  <SOAP-ENV:Body>  
    <getGroupListForIDResponse >  
      <groupList>  
        <item>G:Local:group1</item>  
        <item>G:Local:group2</item>  
      </groupList>  
    </getGroupListForIDResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.23B

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <getGroupListForIDResponse >  
      <groupList>  
        <item>G:WinNT4:group1</item>  
        <item>G:WinNT4:group2</item>  
      </groupList>  
    </getGroupListForIDResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.23C

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <getGroupListForIDResponse >  
      <groupList/>  
    </getGroupListForIDResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.24

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForIDResponse >
      <groupList>
        <item>G:Local:group1</item>
        <item>G:Local:group2</item>
        <item>G:WinNT4:group1</item>
        <item>G:WinNT4:group2</item>
      </groupList>
    </getGroupListForIDResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```


FIG.25

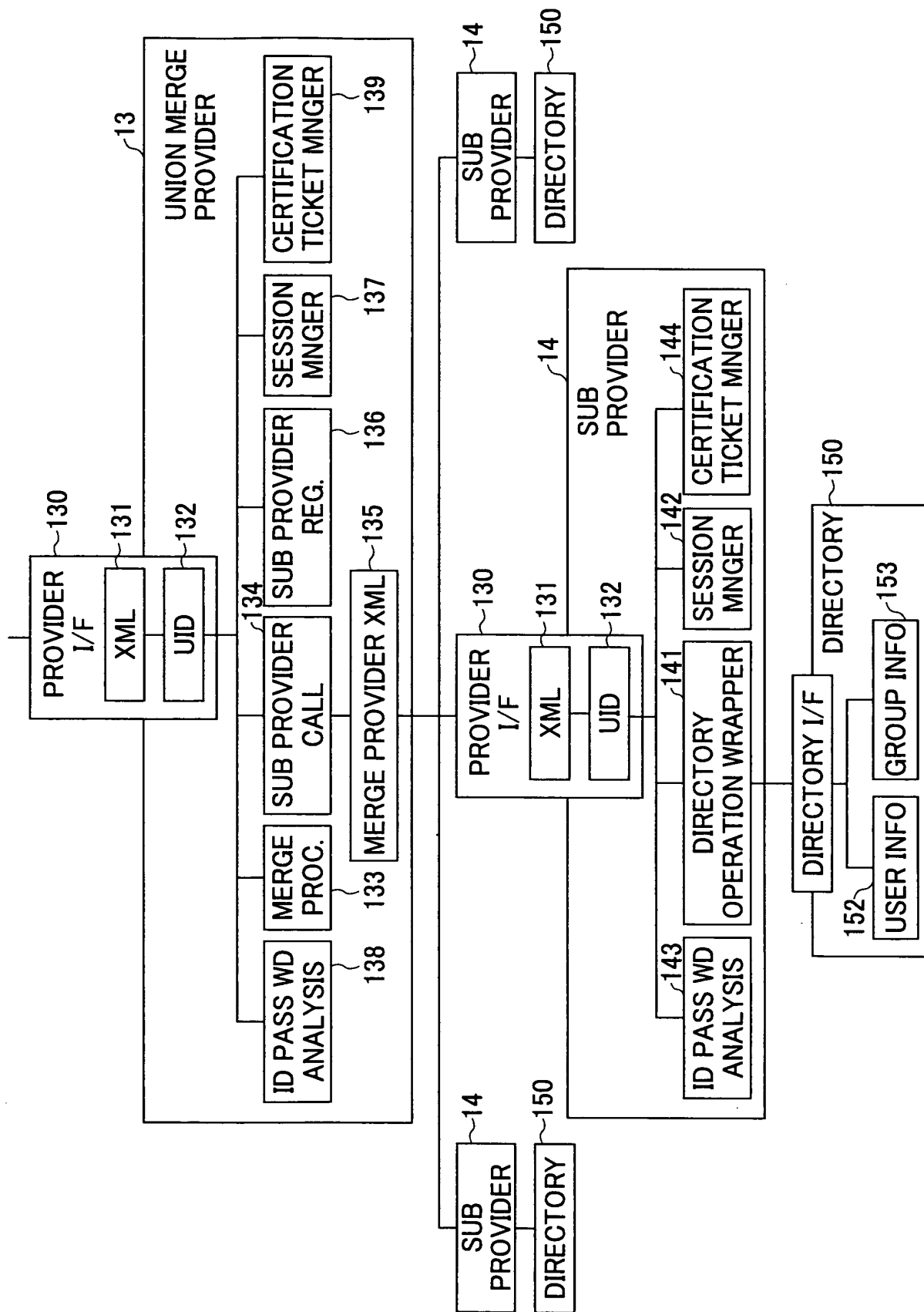


FIG.26

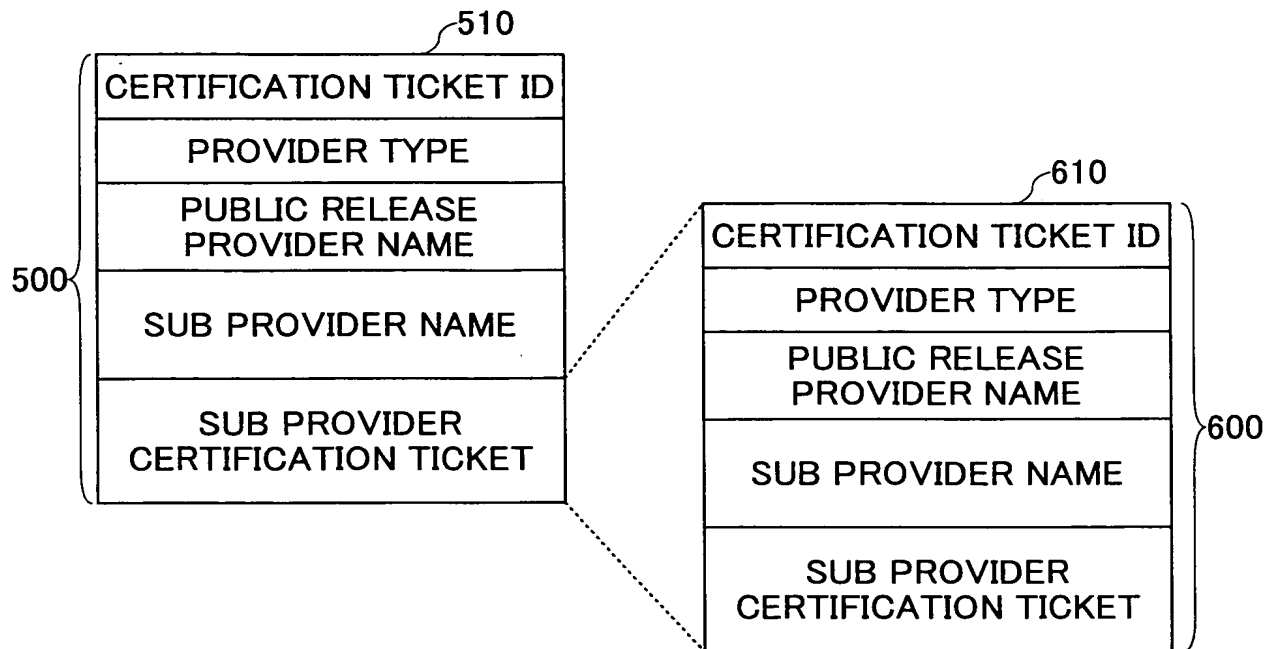


FIG.27

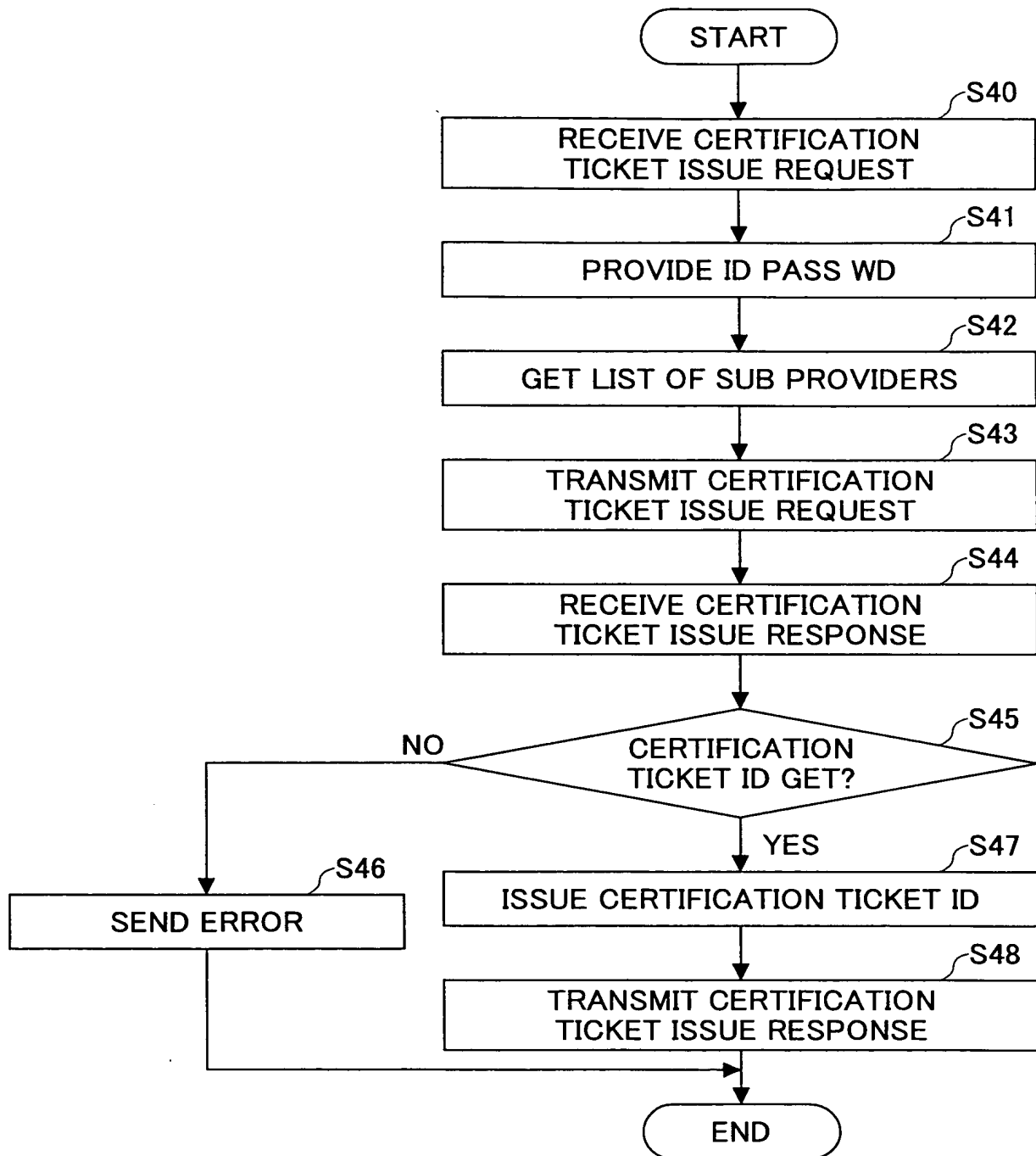


FIG.28

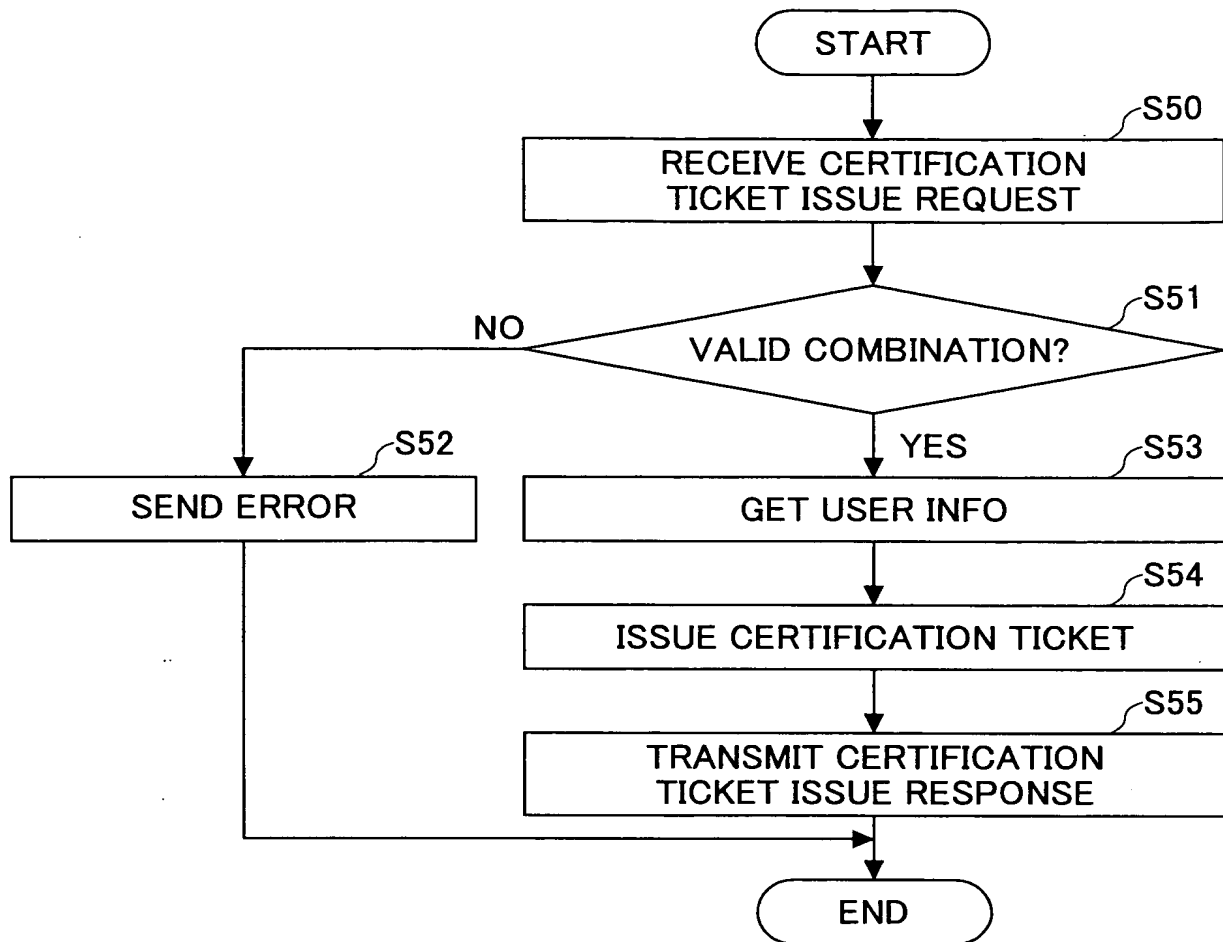


FIG.29

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <authByPassword >  
      <domainName>rdh</domainName>  
      <Name>yamada</Name>  
      <passwd>xxxxxxx</passwd>  
    </authByPassword>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.30

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <authByPassword >  
      <domainName>rdh</domainName>  
      <Name>yamada</Name>  
      <passwd>xxxxxxx</passwd>  
    </authByPassword>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.31

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <authByPasswordResponse >  
      <authTicket>Yhguiogoreg</authTicket>  
    </authByPasswordResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.32

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <authByPasswordResponse >  
      <authTicket>hoge hogeho</authTicket>  
    </authByPasswordResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.33

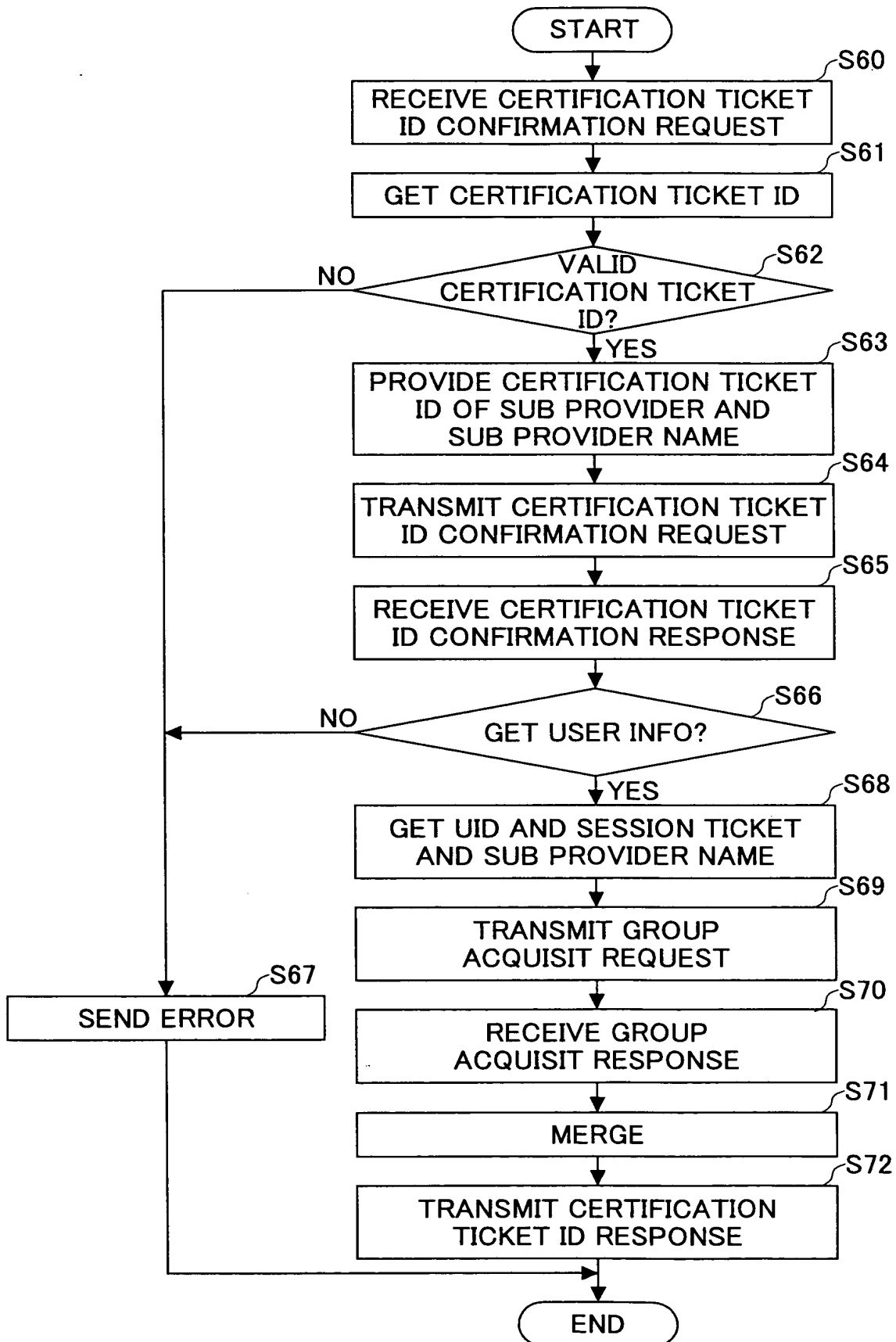


FIG.34

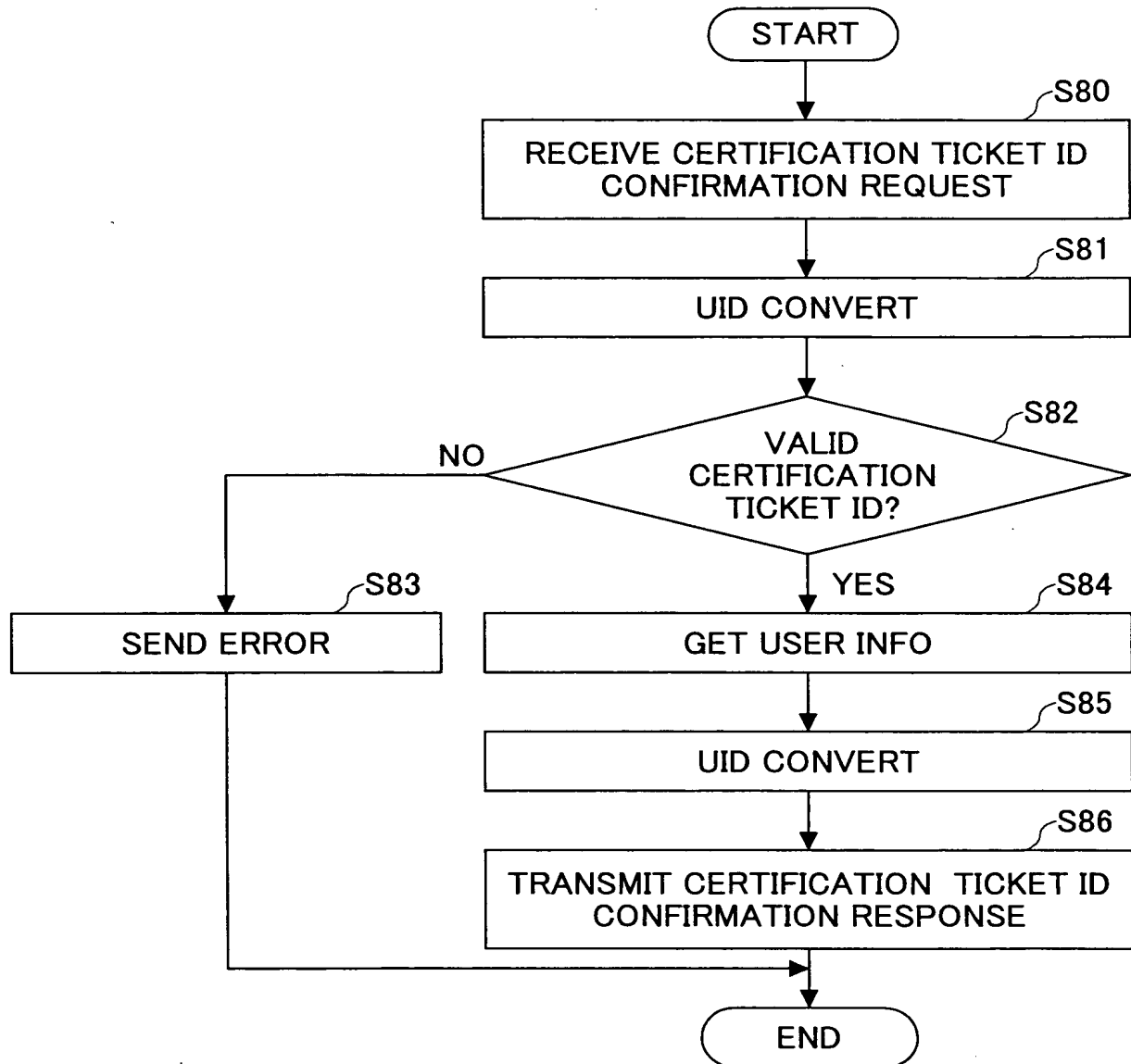


FIG.35

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <decodeAuthTicket>  
      <authTicket>hogehogeho</authTicket>  
    </decodeAuthTicket>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.36

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <decodeAuthTicket>  
      <authTicket>Yhguiogoreg</authTicket>  
    </decodeAuthTicket>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.37

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <decodeAuthTicketResponse >  
      <name>yamada</name>  
      <id>U:WinNT4:3238994209</id>  
      <groupList>  
        <item>G:WinNT4:group1</item>  
        <item>G:WinNT4:group2</item>  
      </groupList>  
    </decodeAuthTicketResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.38

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <decodeAuthTicketResponse >  
      <name>yamada</name>  
      <id>U:WinNT4:3238994209</id>  
      <groupList>  
        <item>G:WinNT4:group1</item>  
        <item>G:WinNT4:group2</item>  
        <item>G:Local:group1</item>  
        <item>G:Local:group2</item>  
      </groupList>  
    </decodeAuthTicketResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.39

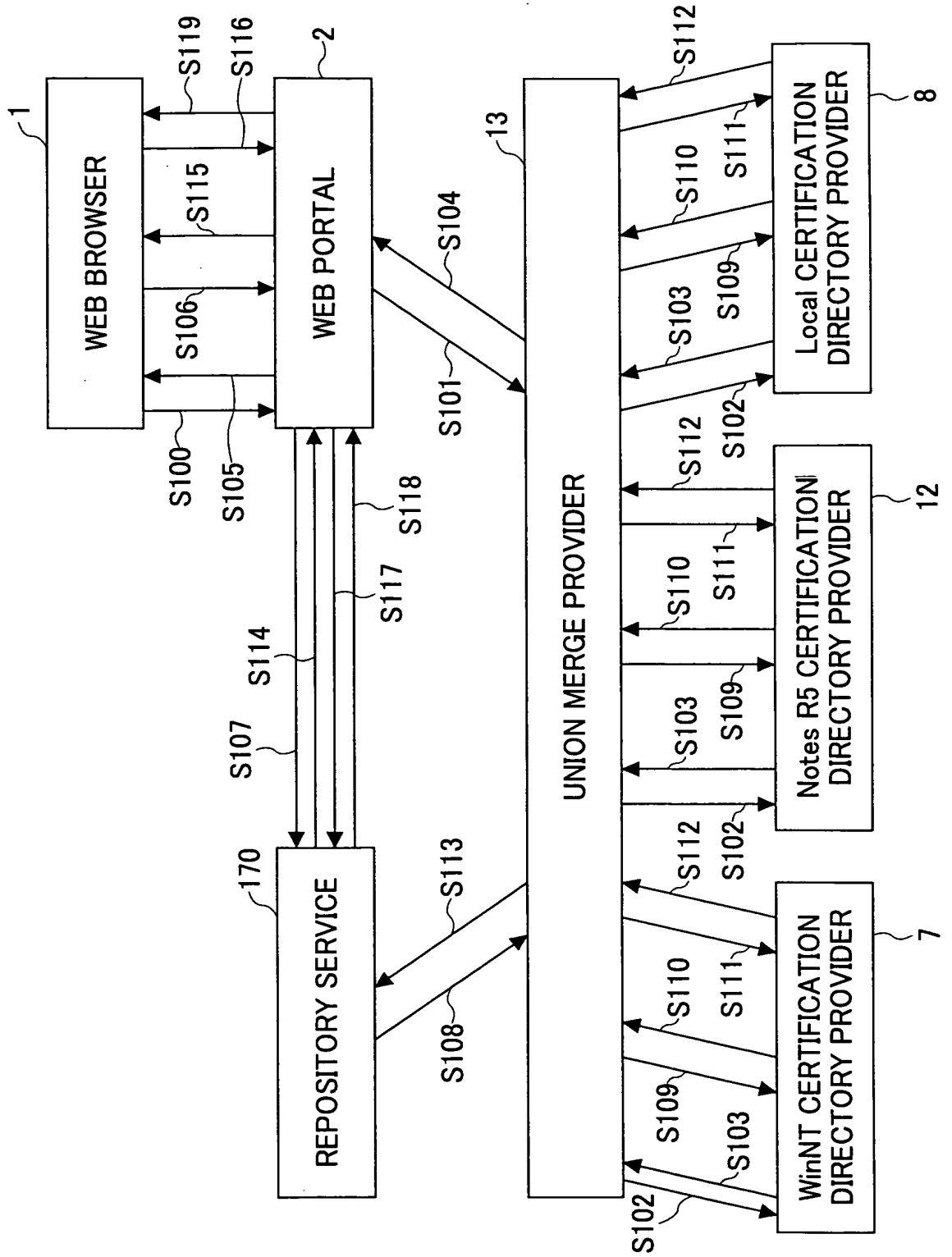


FIG.40

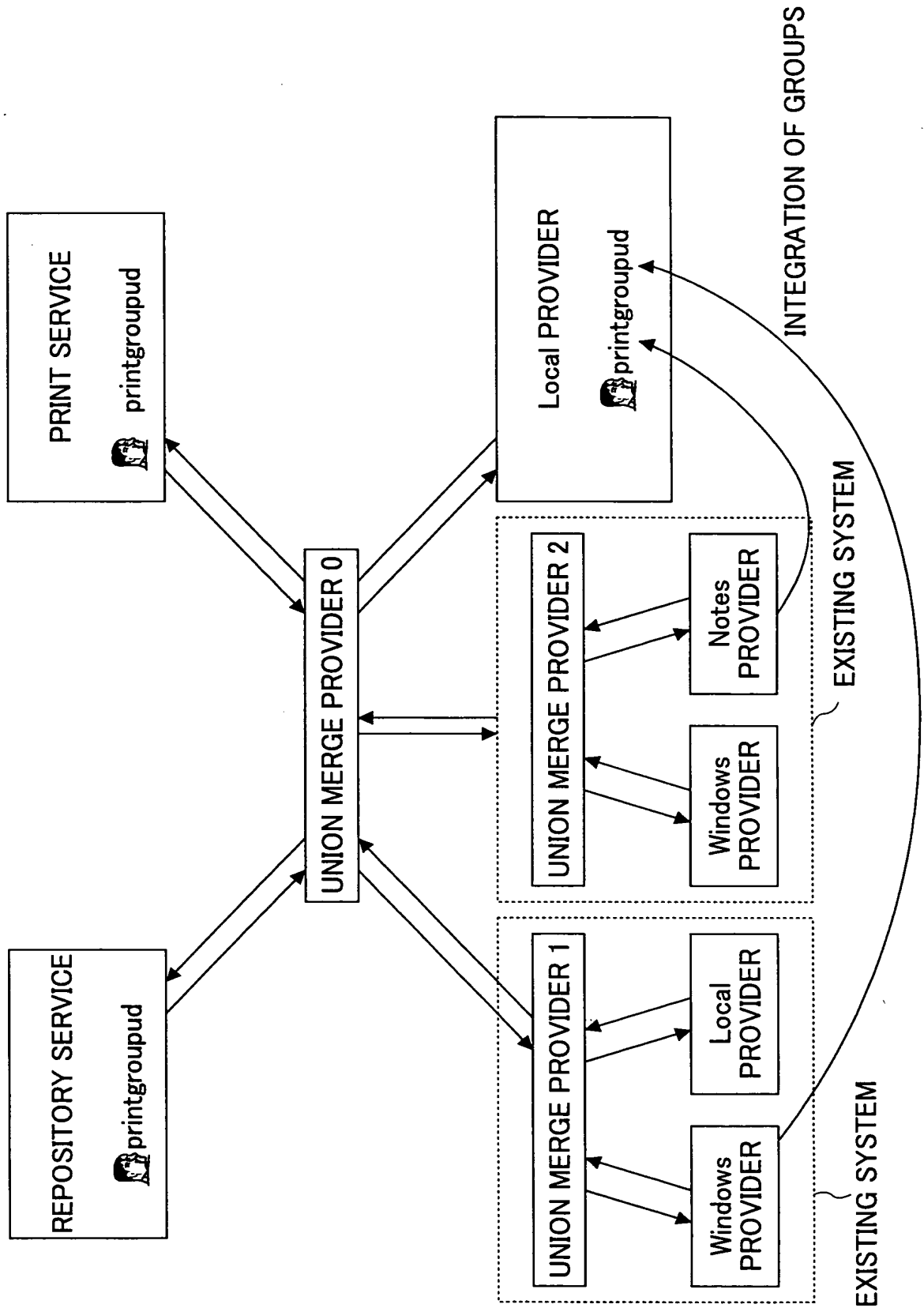


FIG.41

49

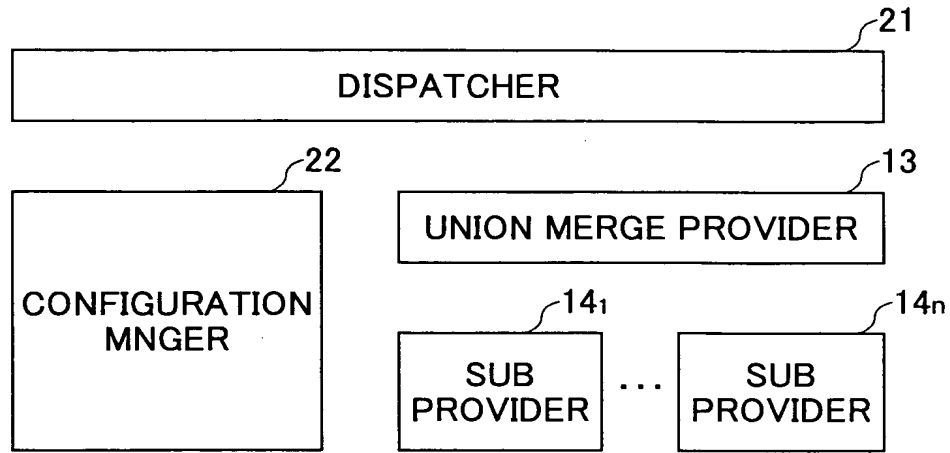


FIG.42

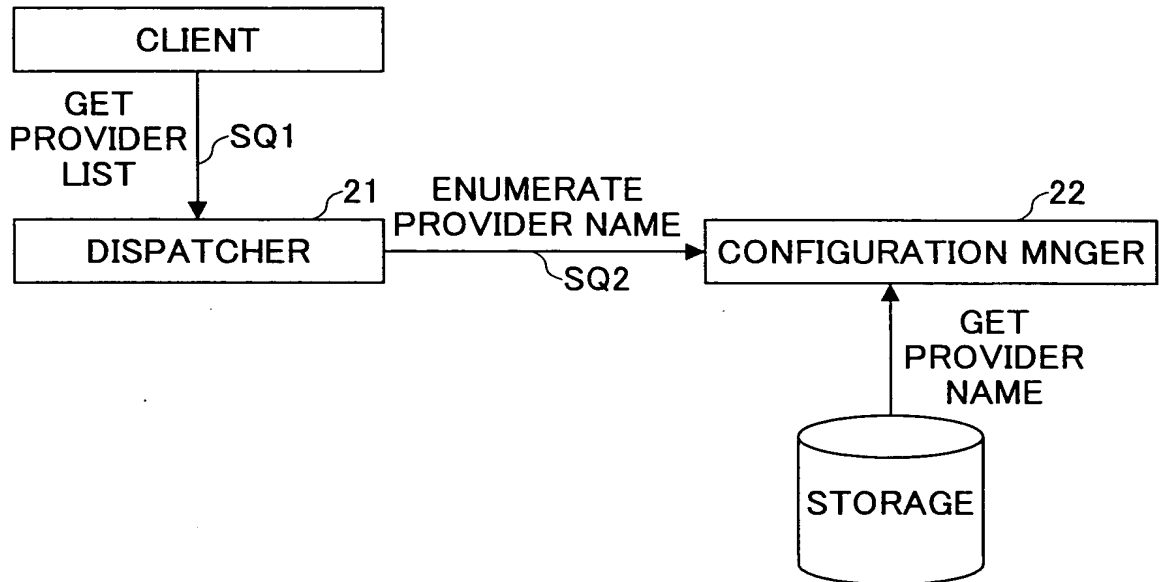


FIG.43

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:getProviderList soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://www.ricoh.co.jp/xmlns/soap/rdh/uadministration-v3">
      <sessionId xsi:type="xsd:string">Y33gggyreg</sessionId>
      <options xsi:type="ns2:arrayOfProperty" xsi:nil="true"
        xmlns:ns2="http://www.ricoh.co.jp/xmlns/schema/rdh/commontypes" />
    </ns1:getProviderList>
  </soapenv:Body>
</soapenv:Envelope>
```

FIG.44

```

<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:getProviderListResponse soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://www.ricoh.co.jp/xmlns/soap/rdh/uadministration-v3">
      <returnValue xsi:type="soapenc:Array" soapenc:arrayType="xsd:string[9]"
        xmlns:ns2="http://www.ricoh.co.jp/xmlns/schema/rdh/commontypes"
        xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding?">
        <item>admin</item>
        <item>original</item>
        <item>union_original</item>
      </returnValue>
    </ns1:getProviderListResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

FIG.45

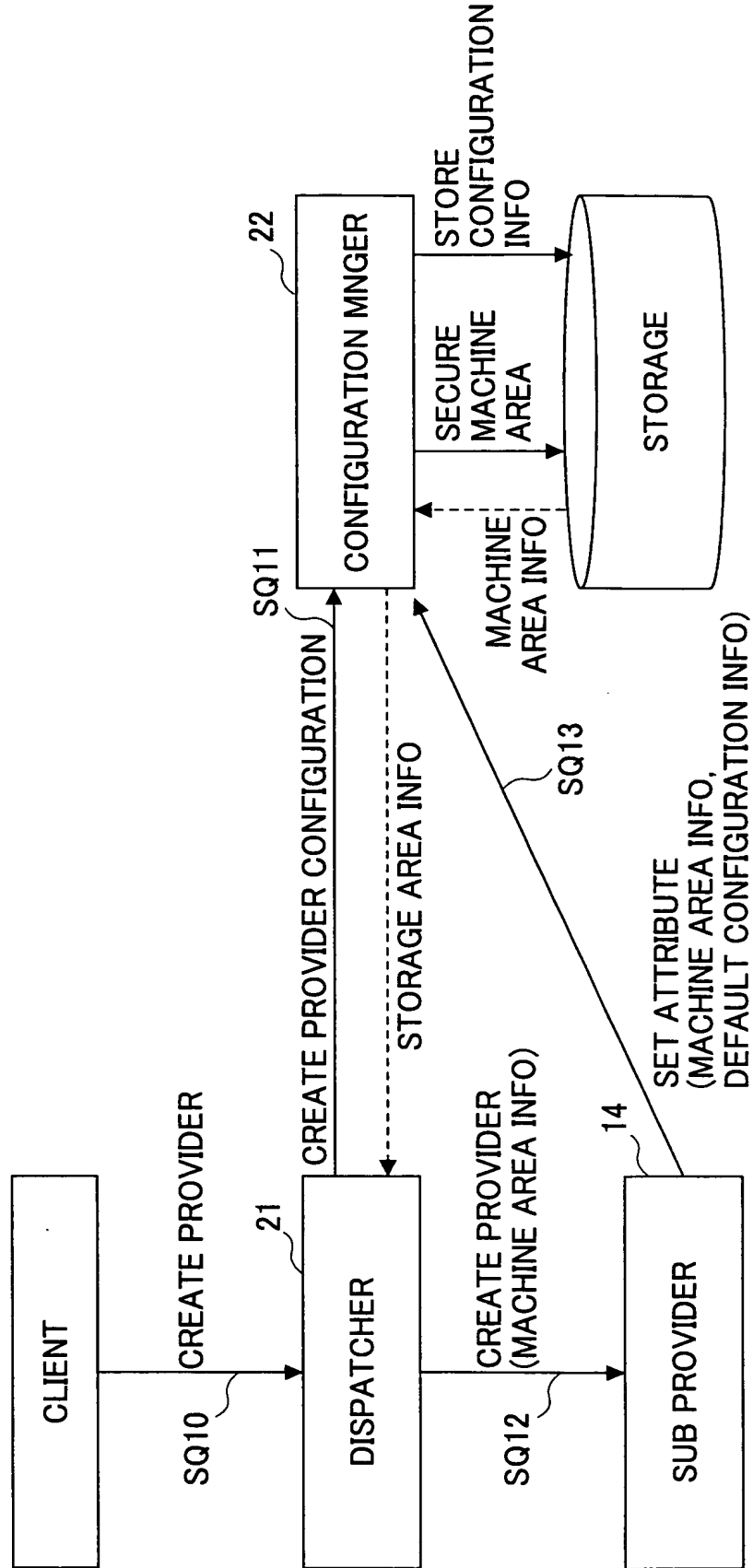


FIG.46

```

<?xml version="1.0" encoding="UTF-8"?>
-<SOAP-ENV:Envelope xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" SOAP-
ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance" xmlns:xsd="http://www.w3.org/1999/XMLSchema">
-<SOAP-ENV:Body>
-<tns:createProvider xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:ua="http://www.ricoh.co.jp/xmlns/schema/rdh/uadministration"
xmlns:tmns="http://www.ricoh.co.jp/xmlns/soap/rdh/uadministration-v3" xmlns:ct="http://www.ricoh.co.jp/xmlns/schema/rdh/commontypes">
<sessionId>Y33gggyreg</sessionId>
<unionMergeprovideName>administrative_test</unionMergeprovideName>
-<propList SOAP-ENC:arrayType="ct:property[1]" xsi:type="SOAP-ENC:Array">
-<item>
<subproviderName>WinNT_test<subproviderName>
<providerType>localdb</providerType>
</item>
</propList>
-<options SOAP-ENC:arrayType="ct:property[1]" xsi:type="SOAP-ENC:Array">
-<item>
<propName>providerType</propName>
<propVal>localdb</propVal>
</item>
</options>
</tns:createProvider>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

FIG.47

```
<?xml version="1.0" encoding="UTF-8"?>
-<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/1999/XMLSchema"
xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance">
-<soapenv:Body>
-<ns1:createProviderResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://www.ricoh.co.jp/xmlns/soap/rdh/uadministration-v3">
  <returnValue xsi:type="ns2:string"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:ns2="http://www.w3.org/2001/XMLSchema">OK</returnValue>
</ns1:createProviderResponse>
</soapenv:Body>
</soapenv:Envelope>
```

FIG.48

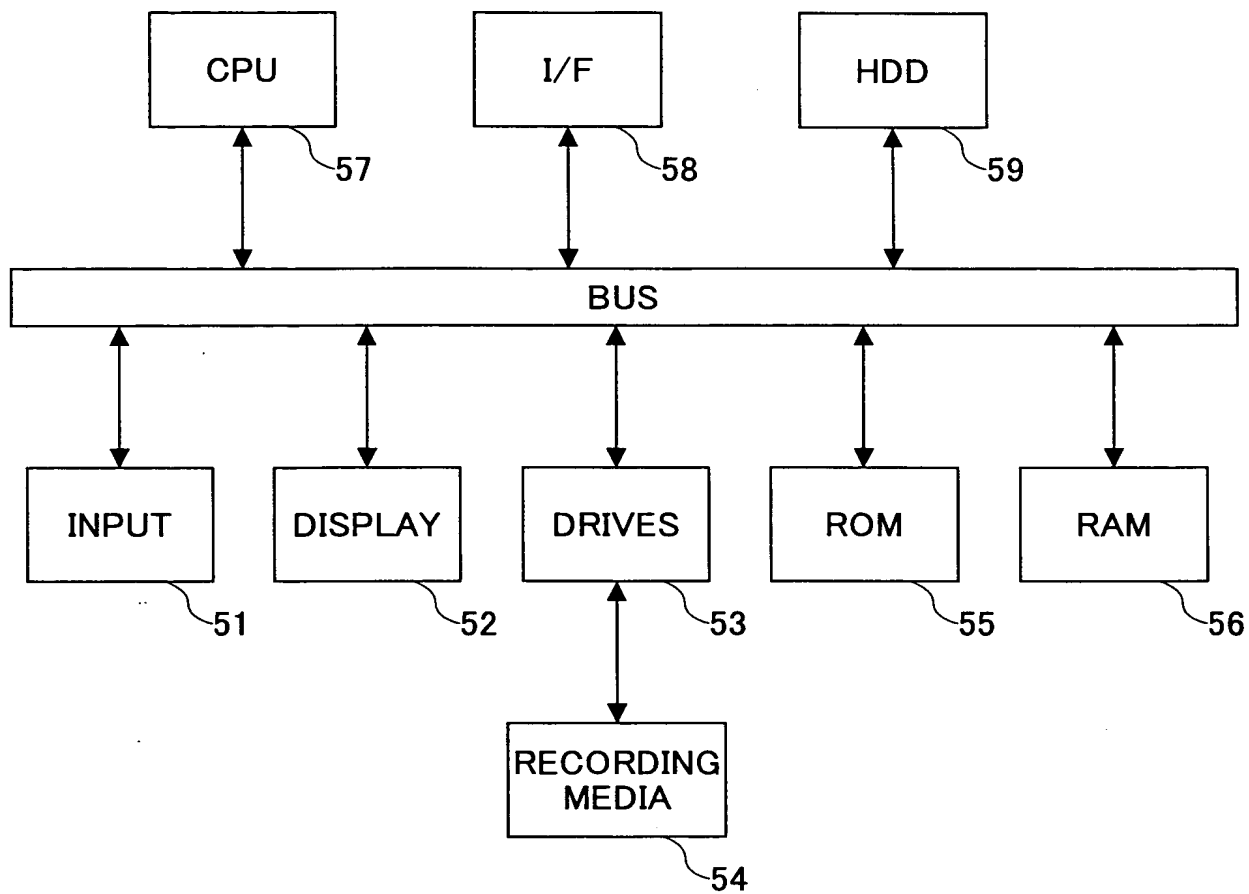


FIG.49

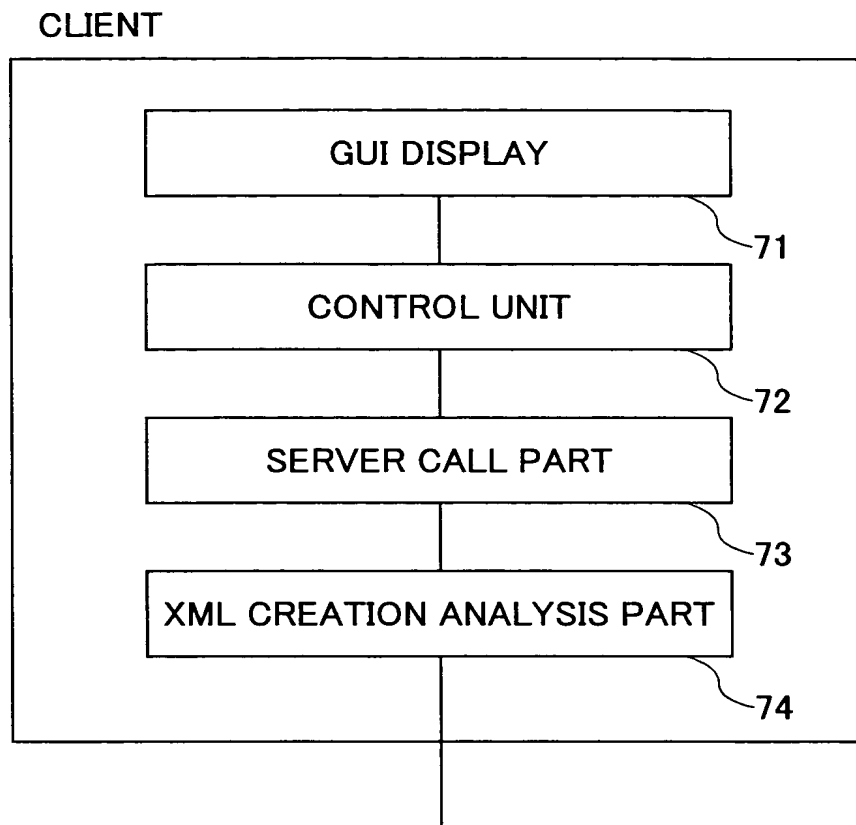


FIG. 50A

<input type="checkbox"/>	
ユーザ認証プロバイダ設定	
%sで使用する認証方式を選択してください。	
Ricoh オリジナル認証	<input checked="" type="radio"/>
Ricoh 認証	
<input type="radio"/> 自認証サービス設定 <input checked="" type="radio"/> 認証サービス参照	
<input type="button" value="参照"/>	
現在この認証を使用しているアプリケーション: RS CS	
<input type="button" value="設定"/>	<input type="button" value="キャンセル"/>
	<input type="button" value="ヘルプ"/>

OK
OR
CANCEL

REFER

FIG. 50B

外部認証の参照

×

外部認証サーバー参照

参照先認証サーバー

サーバーポート

リコ-オリジナル認証

OK

キャンセル

A 2D coordinate system is shown. The horizontal axis is labeled 'REFER' and the vertical axis is labeled 'OK OR CANCEL'.

ユーザ認証サービス管理参照	
<input checked="" type="checkbox"/>	
サーバ名	
あ kiddy	
あ safety	
あ sugar	
あ risky	
ヘルプ	
キャンセル	
OK	

FIG. 50C

FIG.51

認証構成

設定する認証構成を選択してください。

WindowsNT 認証

WindowsNT 認証

☒ 自認証設定

☐ 他認証参照

参照

ドメインコントローラの設定

OK ヘルプ

FIG.52

認証構成

設定する認証構成を選択してください。

ActiveDirectory 認証

ActiveDirectory 認証

●自認証設定

○他認証参照

参照

ドメイン名

ドメインユーザ名

パスワード

ドメインコントローラの設定

OK

ヘルプ

FIG.53

認証構成

設定する認証構成を選択してください。

Notes 認証

Notes 認証

●自認証設定

○他認証参照

参照

サーバ名

ドメイン名

ドメインユーザ名

パスワード

OK

ヘルプ

FIG.54

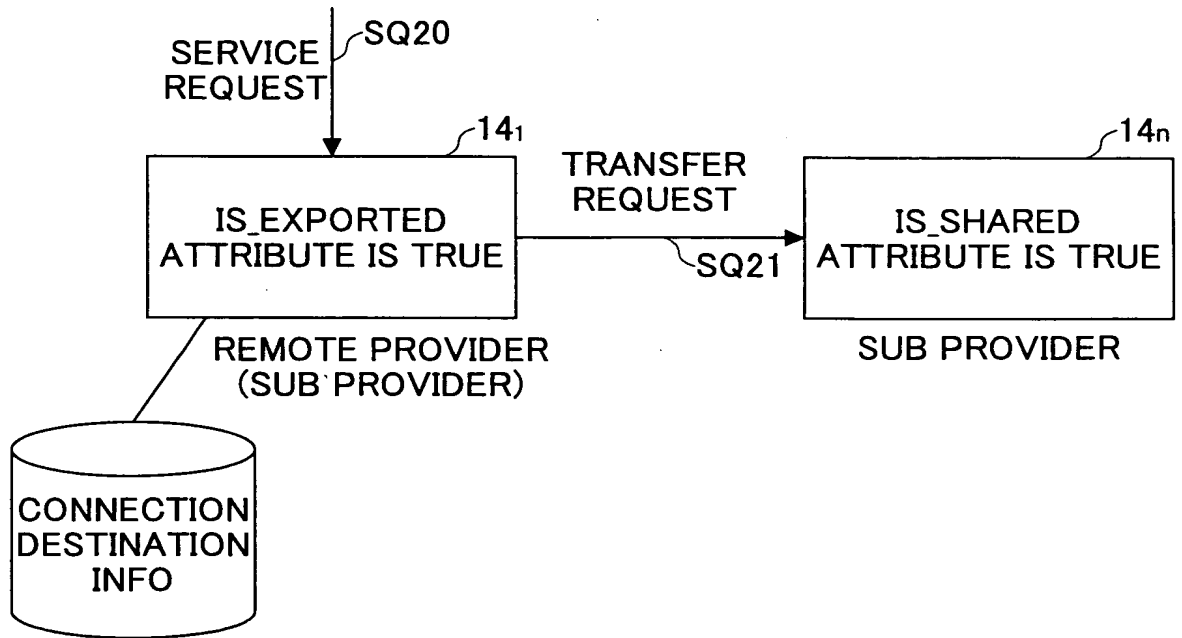


FIG.55

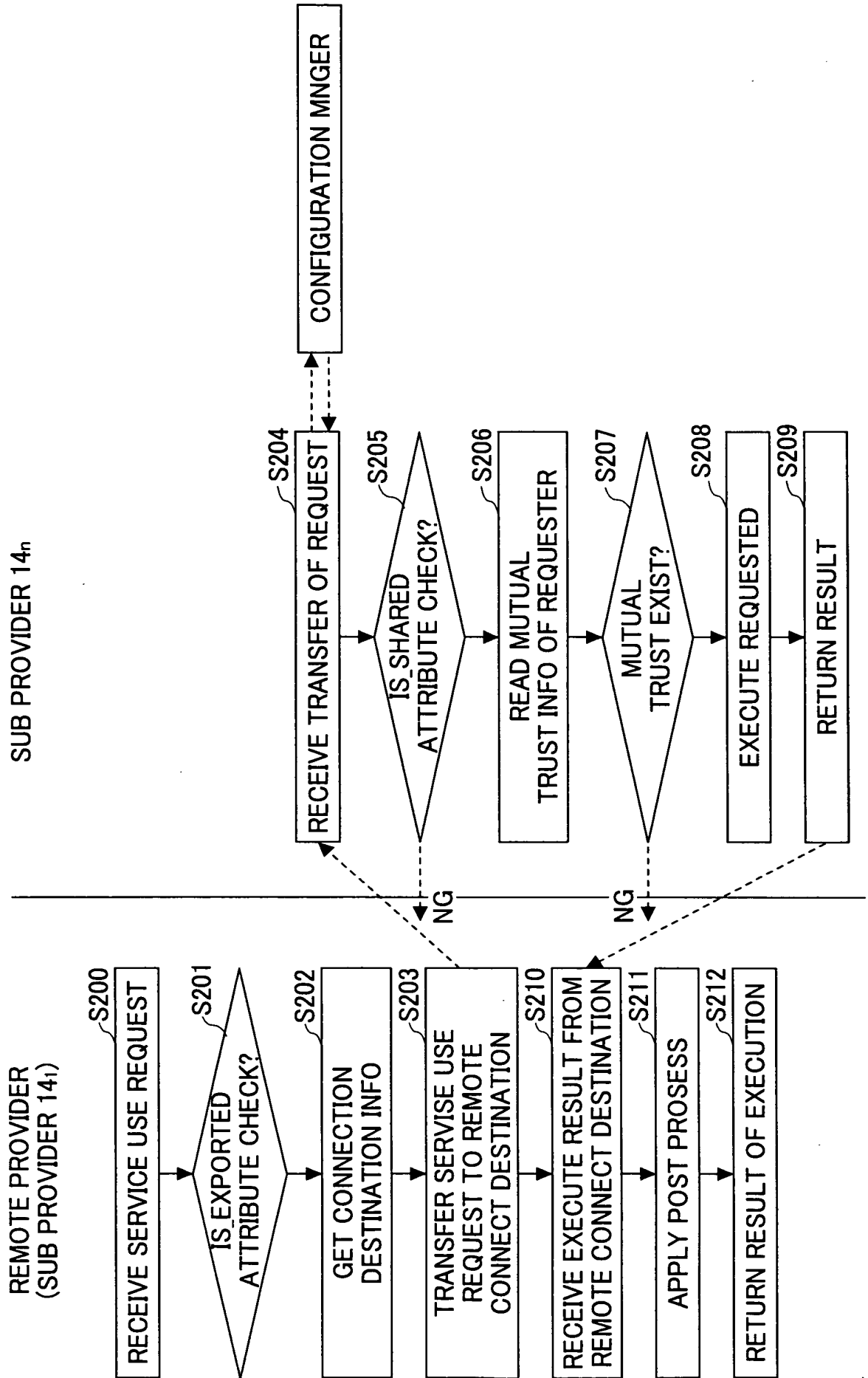


FIG.56

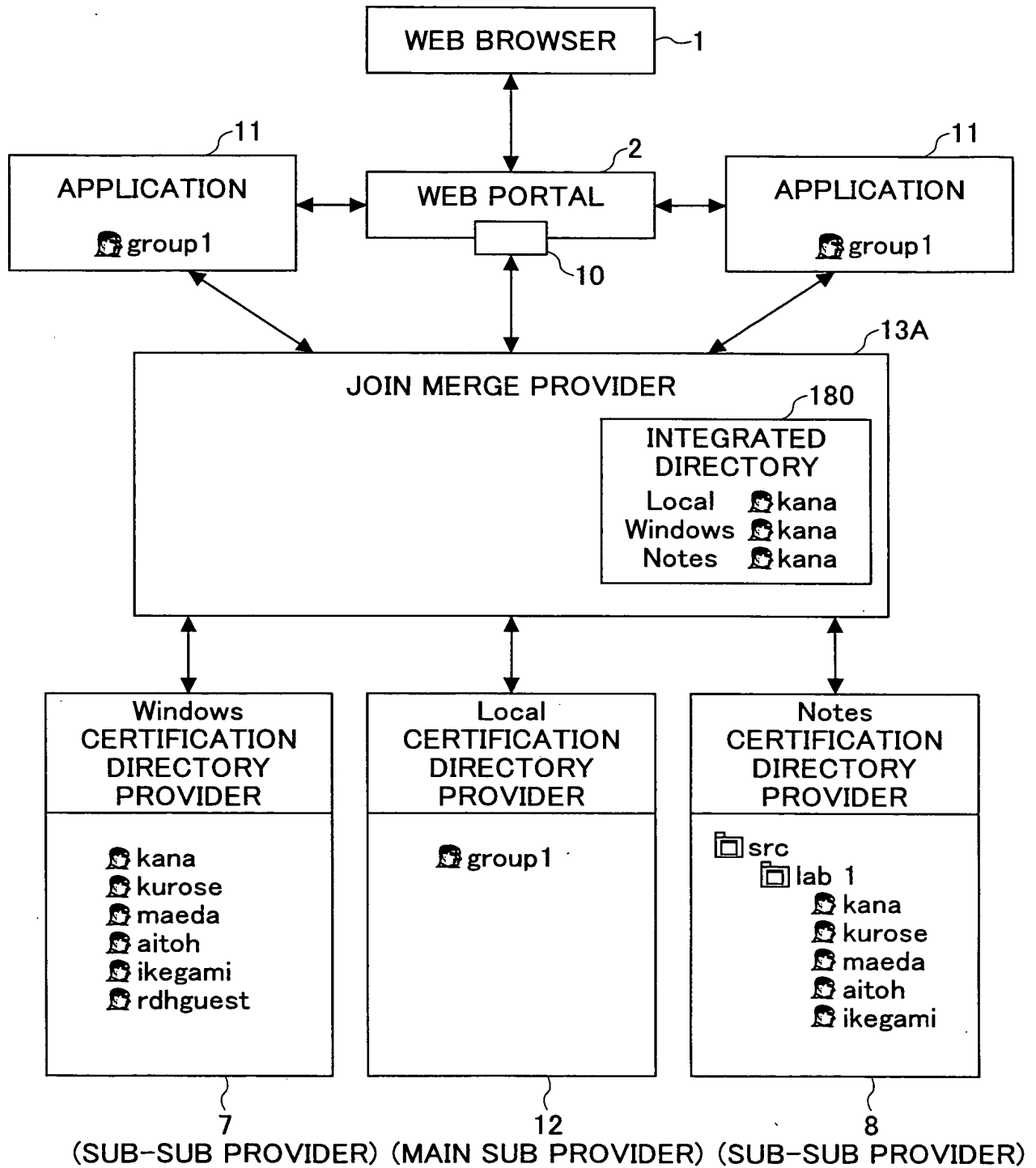


FIG.57

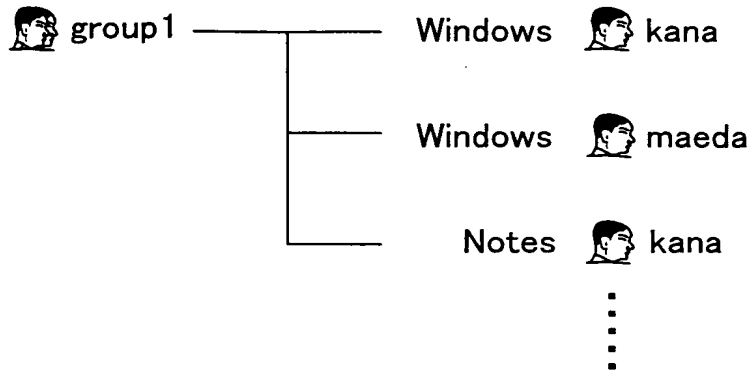


FIG.58A

ID TYPE
IDENTIFIER OF CERTIFIED PROVIDER
USER IDENTIFIER IN CERTIFIED PROVIDER

FIG.58B

U: Windows: kana
U: Notes: kana

FIG. 59

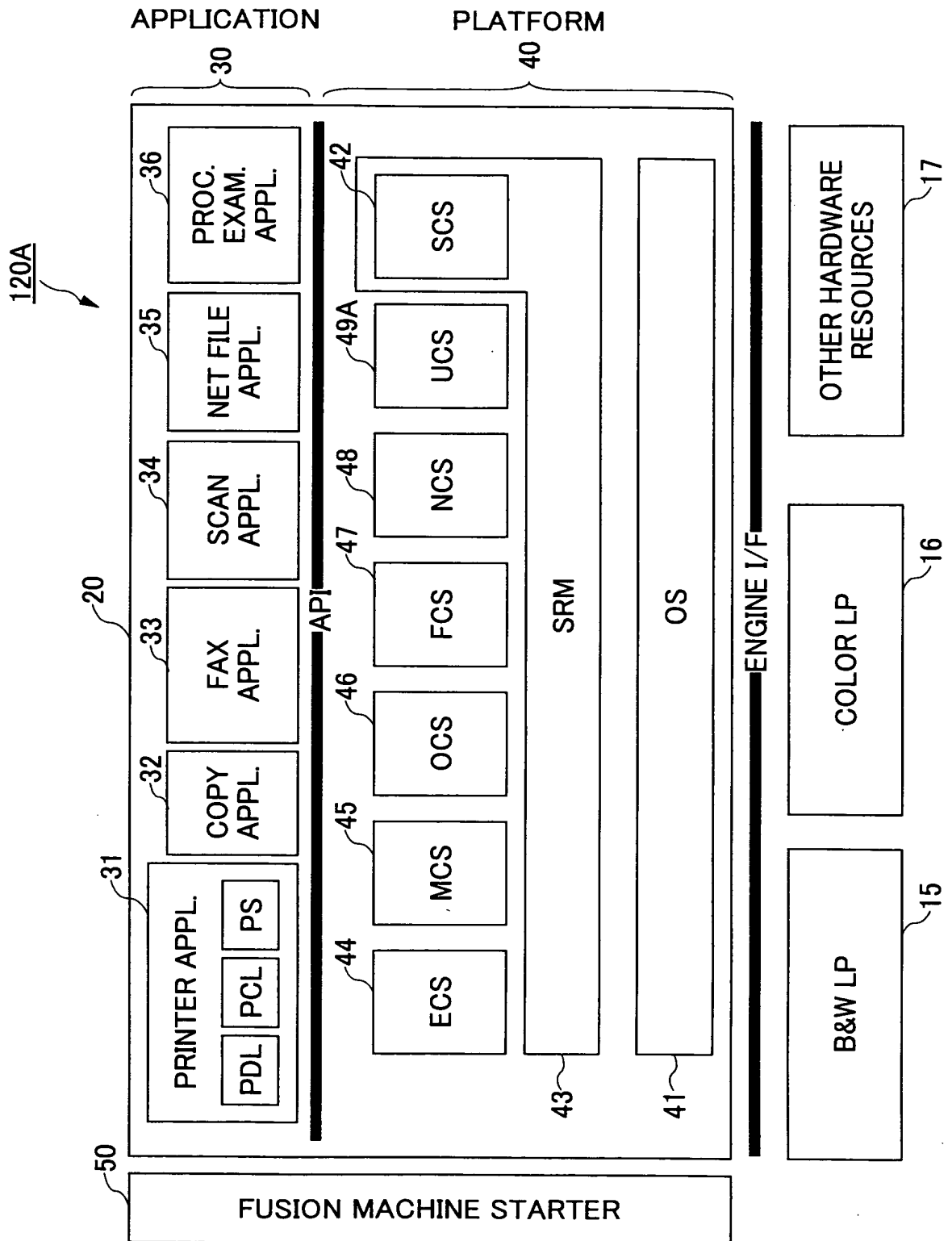


FIG.60

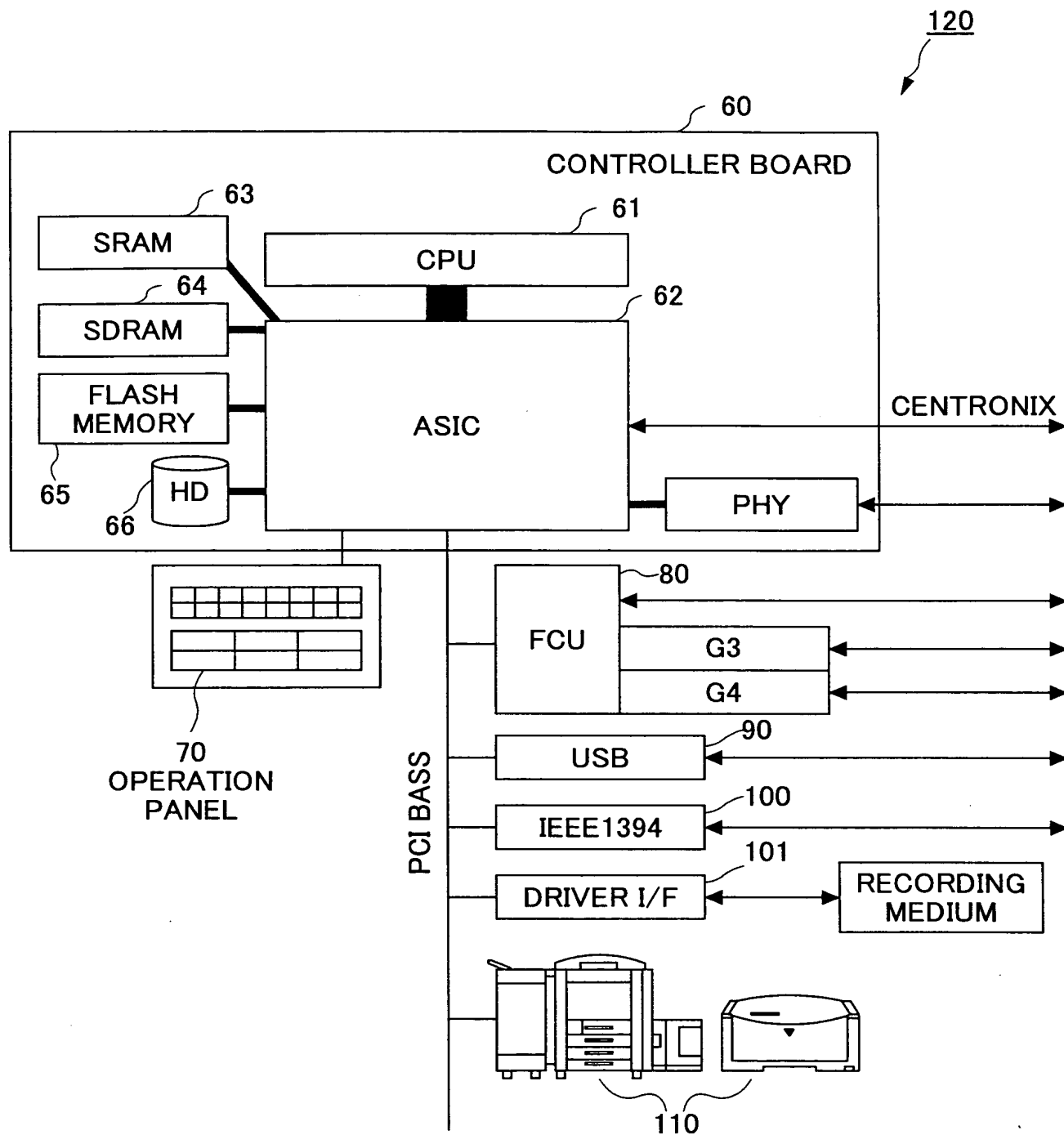


FIG.61

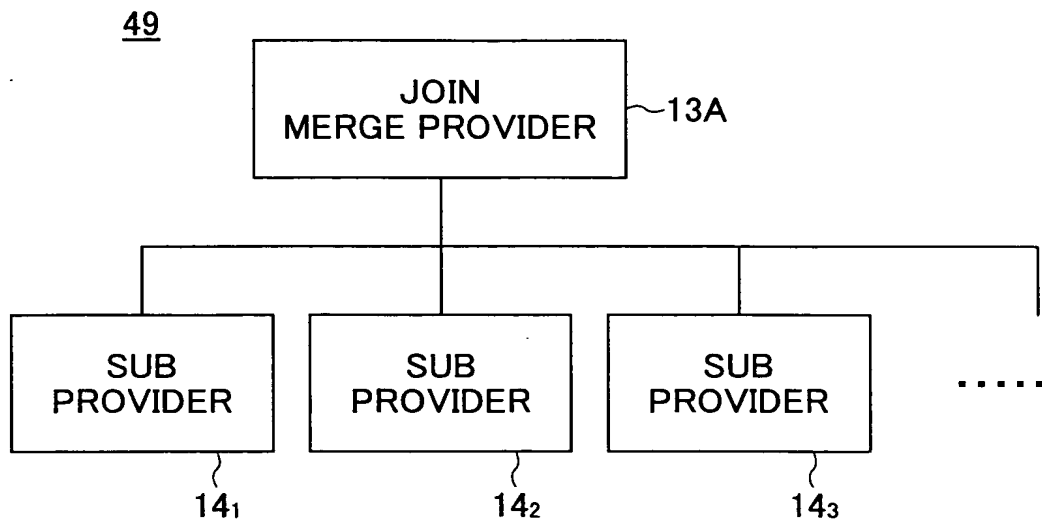


FIG.62



FIG.63

49

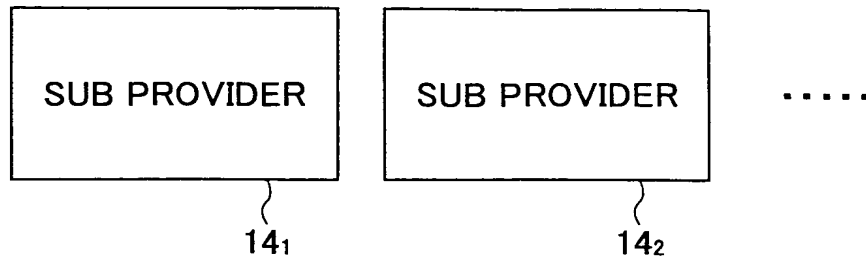


FIG.64

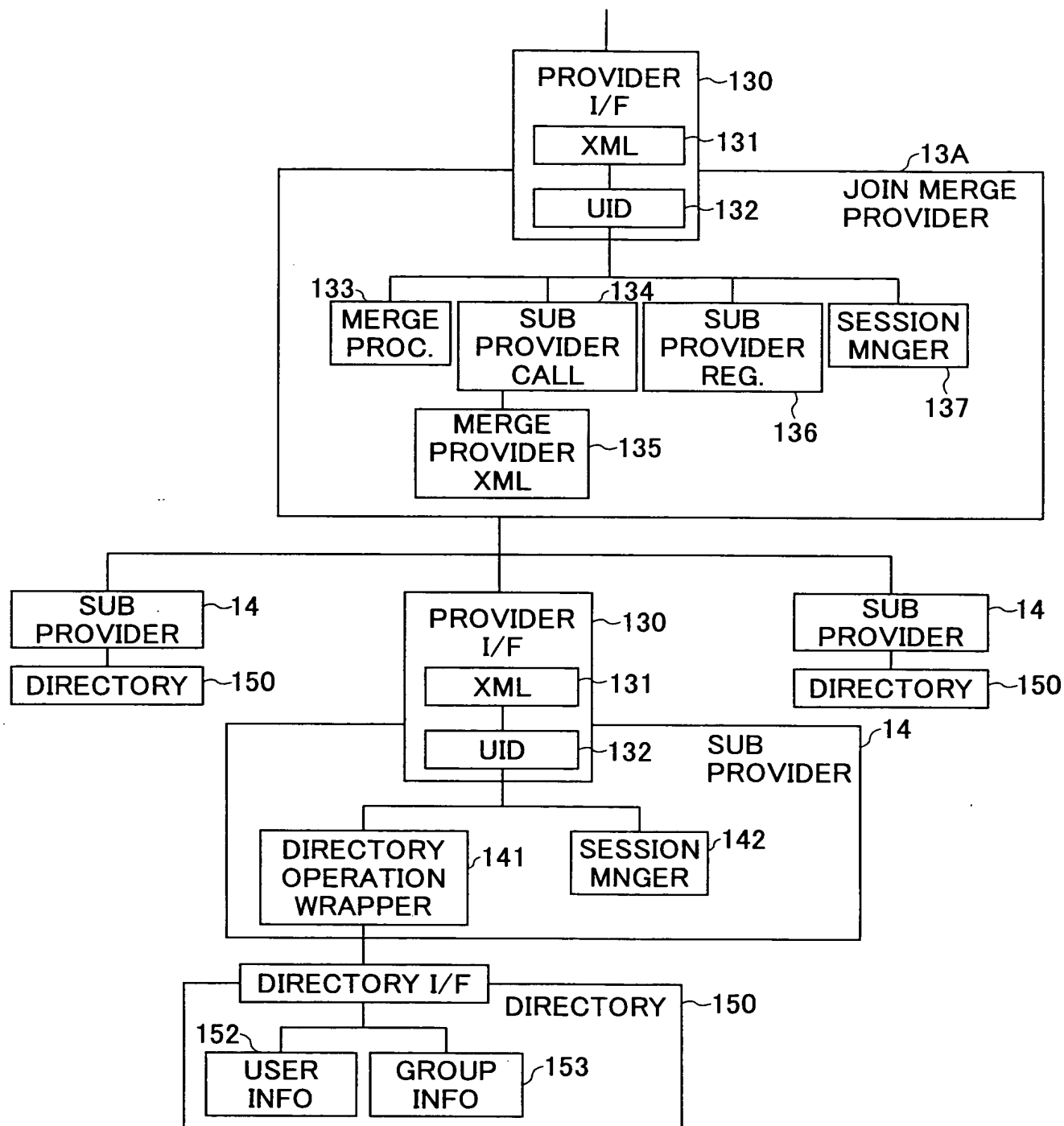


FIG.65

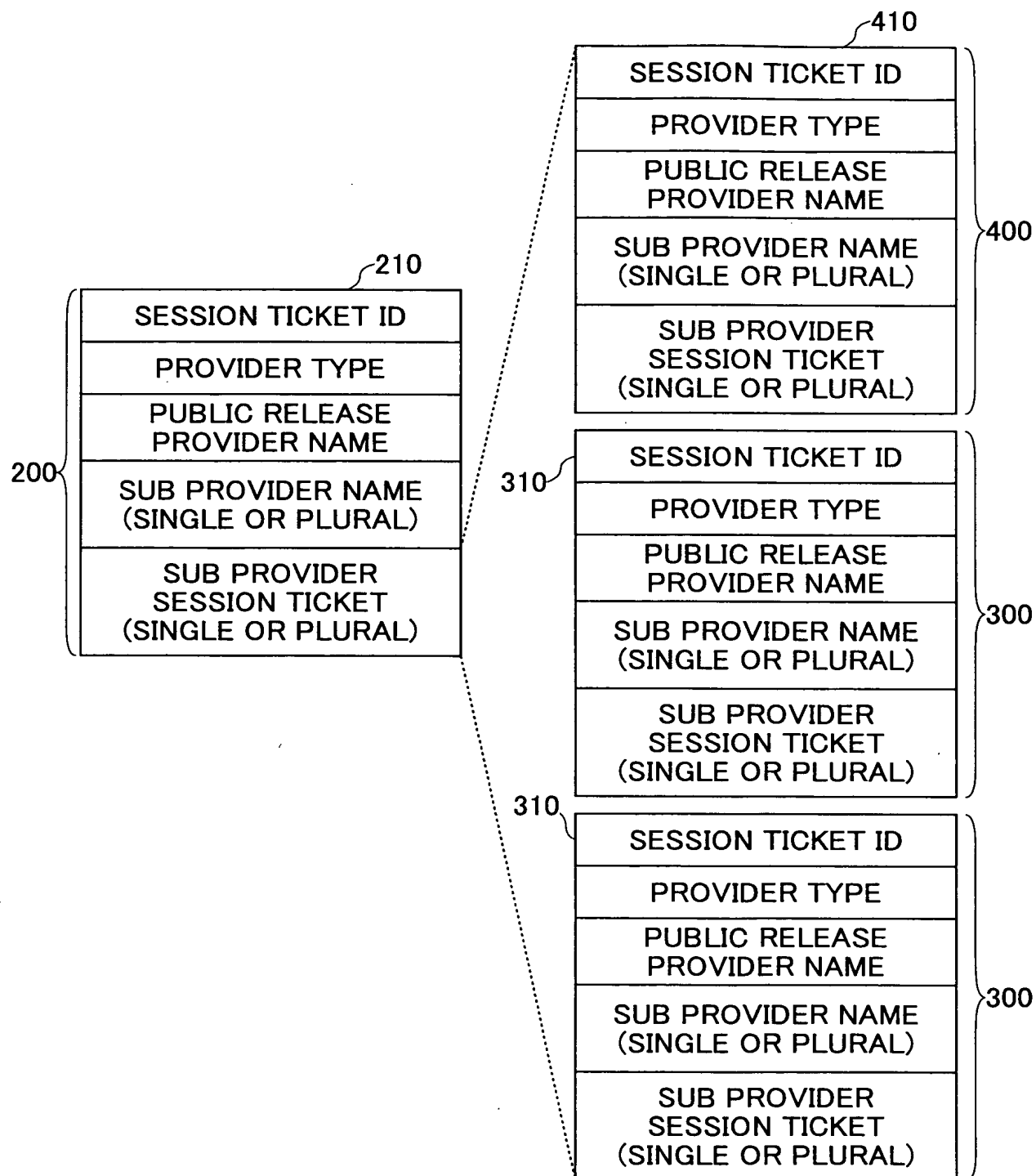


FIG.66A

```
<SOAP-ENV:Body>
  <tmns:searchEntry
    <session>10400071936</session>
    <folder>
      <pathName>Domain</pathName>
      <id />
      <phoneticName>Domain</phoneticName>
      <name>Domain</name>
      <folderType>root</folderType>
    </folder>
    <query>87987988</query>
    <queryOptions/>
    <propFilter>isUser</propFilter>
  </tmns:searchEntry>
</SOAP-ENV:Body>
```



```
LDAP://host/ou=people,dc=Domain,
(&(rdhId=87987988)(objectclass=person))
```

FIG.66B

```
<soapenv:Body>
  <ns1:decodeAuthTicketResponse >
    <returnValue>OK</returnValue>
    <ticketInfo>
      <expireDate>2002-12-16T10:46:59.629Z</expireDate>
      <userInfo>
        <id>U:local:87987988</id>
        <principalType>user</principalType>
        <domainName>Domain</domainName>
        <name>金松 俊宏</name>
      </userInfo>
    </ticketInfo>
  </ns1:decodeAuthTicketResponse>
</soapenv:Body>
```



```
objectclass=person
givenname;lang-en=Toshihiro
cn=金松 俊宏
uid=87987988
rdnCanonical=CN=Toshihiro Kanematsu/Domain
givenname;lang-ja=俊宏
givenname=俊宏
sn=金松
userpassword=[SHA]AkeM77KHG5hvjsrS++n/UYpIASc=
gtisMailMagflag=1
c=jp
gtisSectioncode=LEDQ00000
```

FIG.67

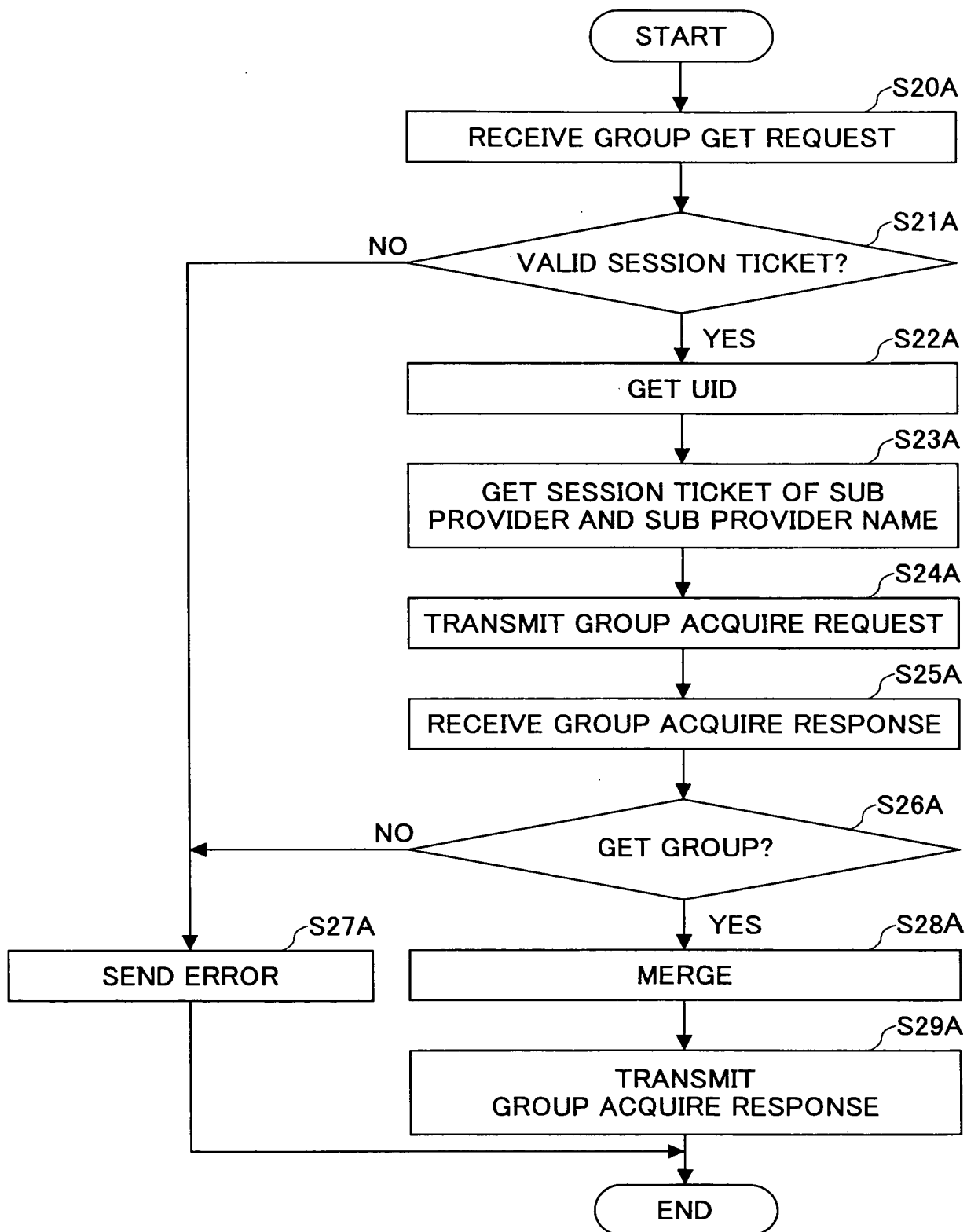


FIG.68

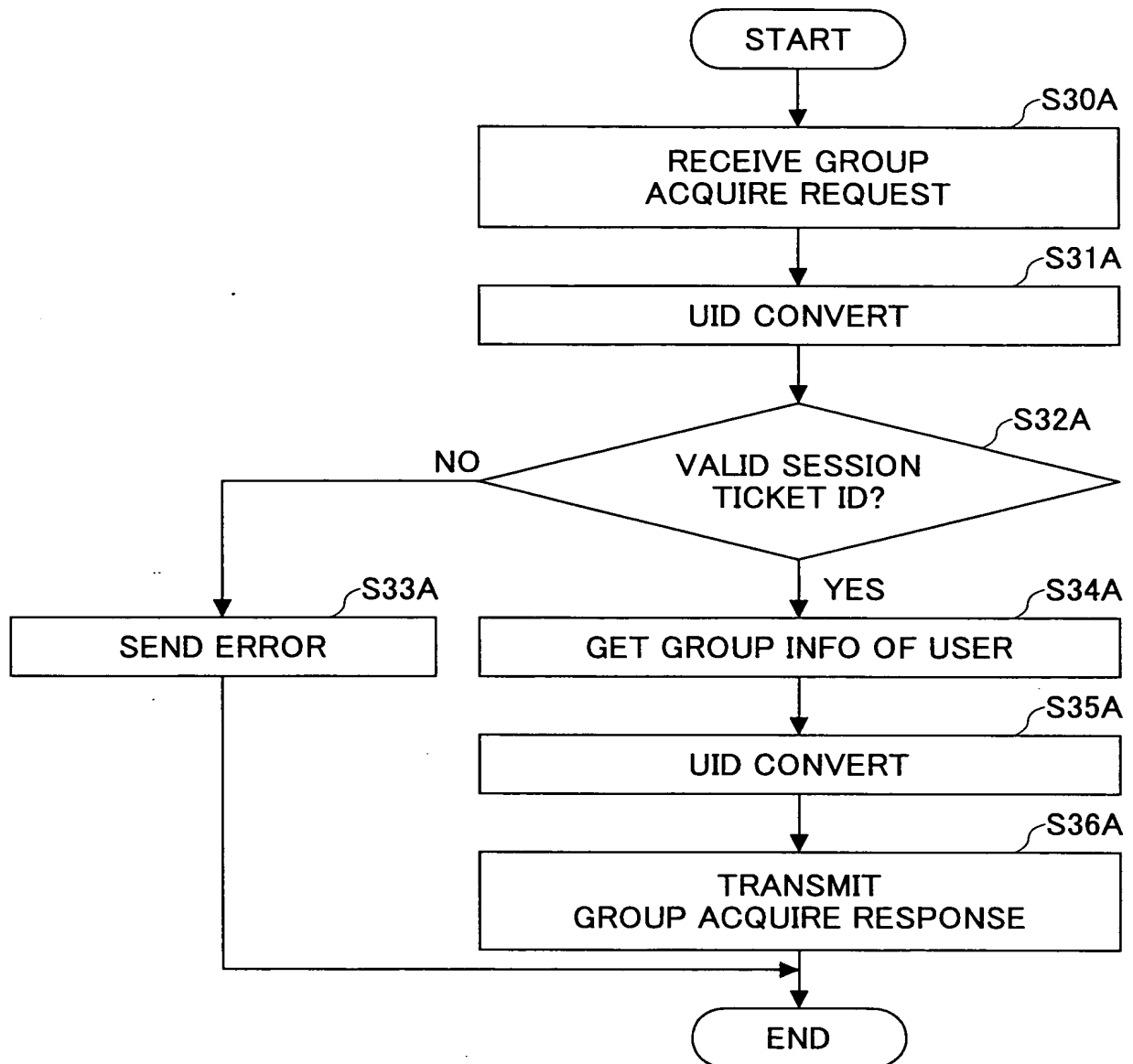


FIG.69

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <getGroupListForID>  
      <sessionTicket>Y33ggygyreg</sessionTicket>  
      <id>U:WinNT4:3238994209</id>  
    </getGroupListForID>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```


FIG.70A

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForID>
      <sessionTicket>Y33234goreg</sessionTicket>
      <id>U:WinNT4:3238994209</id>
    </getGroupListForID>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.70B

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForID>
      <sessionTicket>Y33234goreg</sessionTicket>
      <id>U:Local:3238994209</id>
    </getGroupListForID>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.70C

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForID>
      <sessionTicket>Y33234goreg</sessionTicket>
      <id>U:NoteR5:3238994209</id>
    </getGroupListForID>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.71A

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForID>
      <sessionTicket>Y33234goreg</sessionTicket>
      <id>U:WinNT4:323-53454244</id>
    </getGroupListForID>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.71B

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForID>
      <sessionTicket>Yhigeh3325</sessionTicket>
      <id>U:WinNT4:323-53454244</id>
    </getGroupListForID>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.71C

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForID>
      <sessionTicket>grergregreh</sessionTicket>
      <id>U:WinNT4:323-53454244</id>
    </getGroupListForID>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.72A

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <getGroupListForID>  
      <sessionTicket>Y33234goreg</sessionTicket>  
      <id>U:WinNT4:323-53454244</id>  
    </getGroupListForID>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.72B

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <getGroupListForID>  
      <sessionTicket>Yhigeh3325</sessionTicket>  
      <id>U:WinNT4:323-53454244</id>  
    </getGroupListForID>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.72C

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <getGroupListForID>  
      <sessionTicket>grergregreh</sessionTicket>  
      <id>U:WinNT4:323-53454244</id>  
    </getGroupListForID>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.73A

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForIDResponse >
      <groupList/>
    </getGroupListForIDResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.73B

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForIDResponse >
      <groupList>
        <item>G:Local:group1</item>
        <item>G:Local:group2</item>
      </groupList>
    </getGroupListForIDResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.73C

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForIDResponse >
      <groupList/>
    </getGroupListForIDResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.74A

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForIDResponse >
      <groupList>
        <item>G:WinNT4:group1</item>
        <item>G:WinNT4:group2</item>
      </groupList>
    </getGroupListForIDResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.74B

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForIDResponse >
      <groupList/>
    </getGroupListForIDResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.74C

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <getGroupListForIDResponse >
      <groupList/>
    </getGroupListForIDResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.75A

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <getGroupListForIDResponse >  
      <groupList/>  
    </getGroupListForIDResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.75B

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <getGroupListForIDResponse >  
      <groupList/>  
    </getGroupListForIDResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.75C

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <getGroupListForIDResponse >  
      <groupList/>  
    </getGroupListForIDResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.76

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <getGroupListForIDResponse >  
      <groupList>  
        <item>G:Local:group1</item>  
        <item>G:Local:group2</item>  
        <item>G:WinNT4:group1</item>  
        <item>G:WinNT4:group2</item>  
      </groupList>  
    </getGroupListForIDResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.77

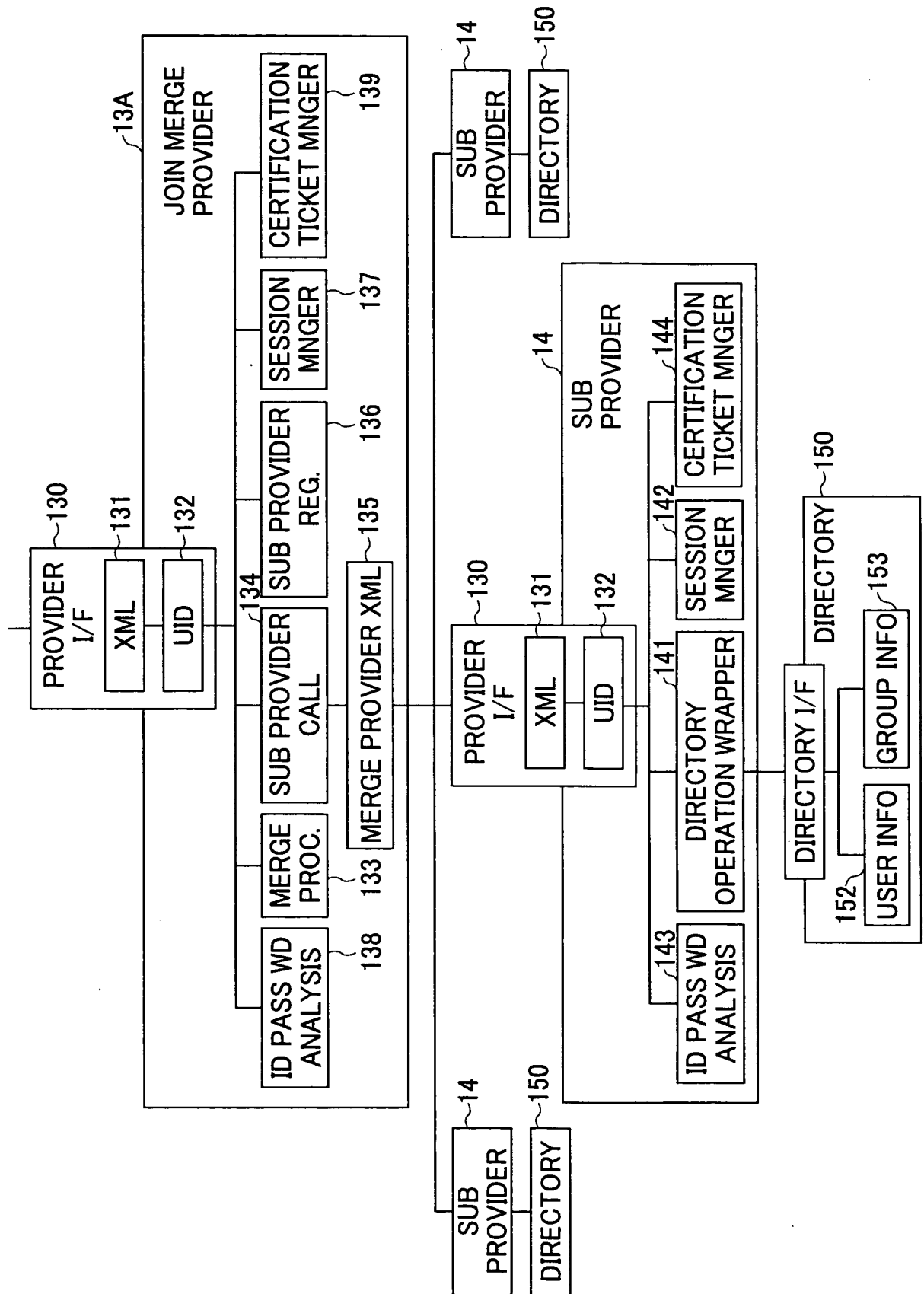


FIG.78

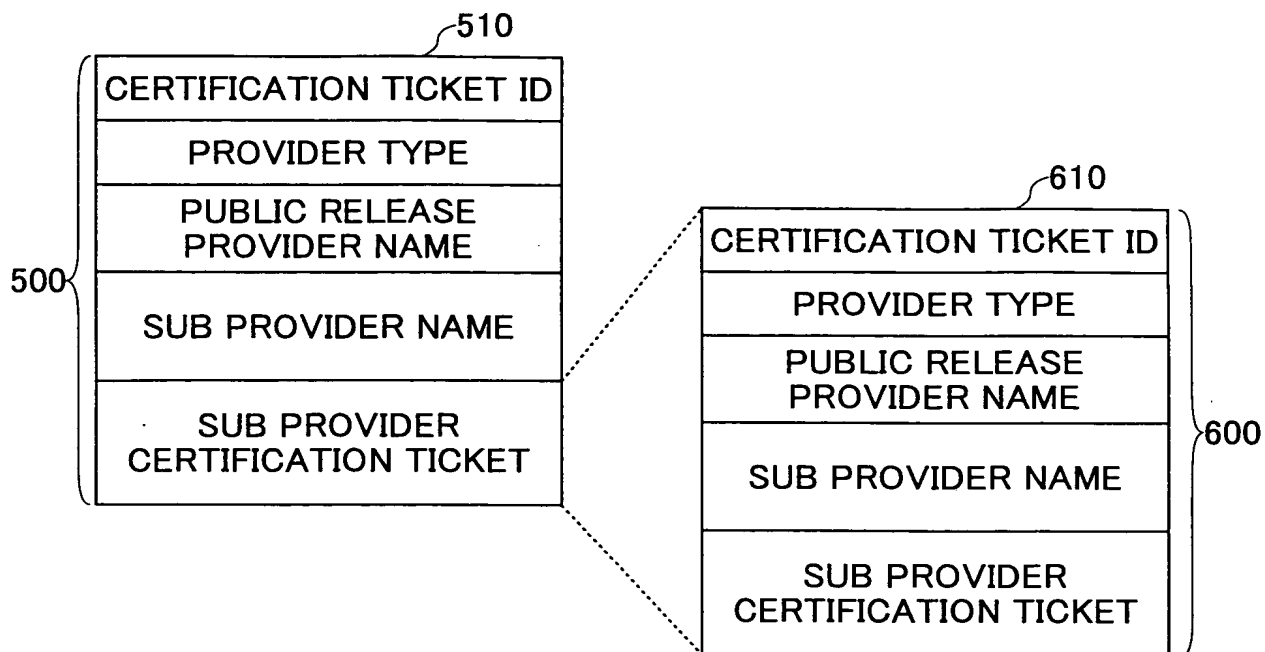


FIG.79

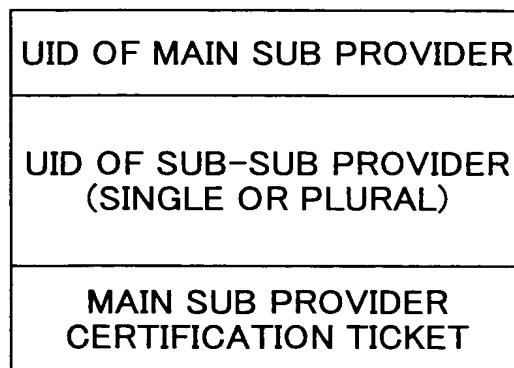


FIG.80

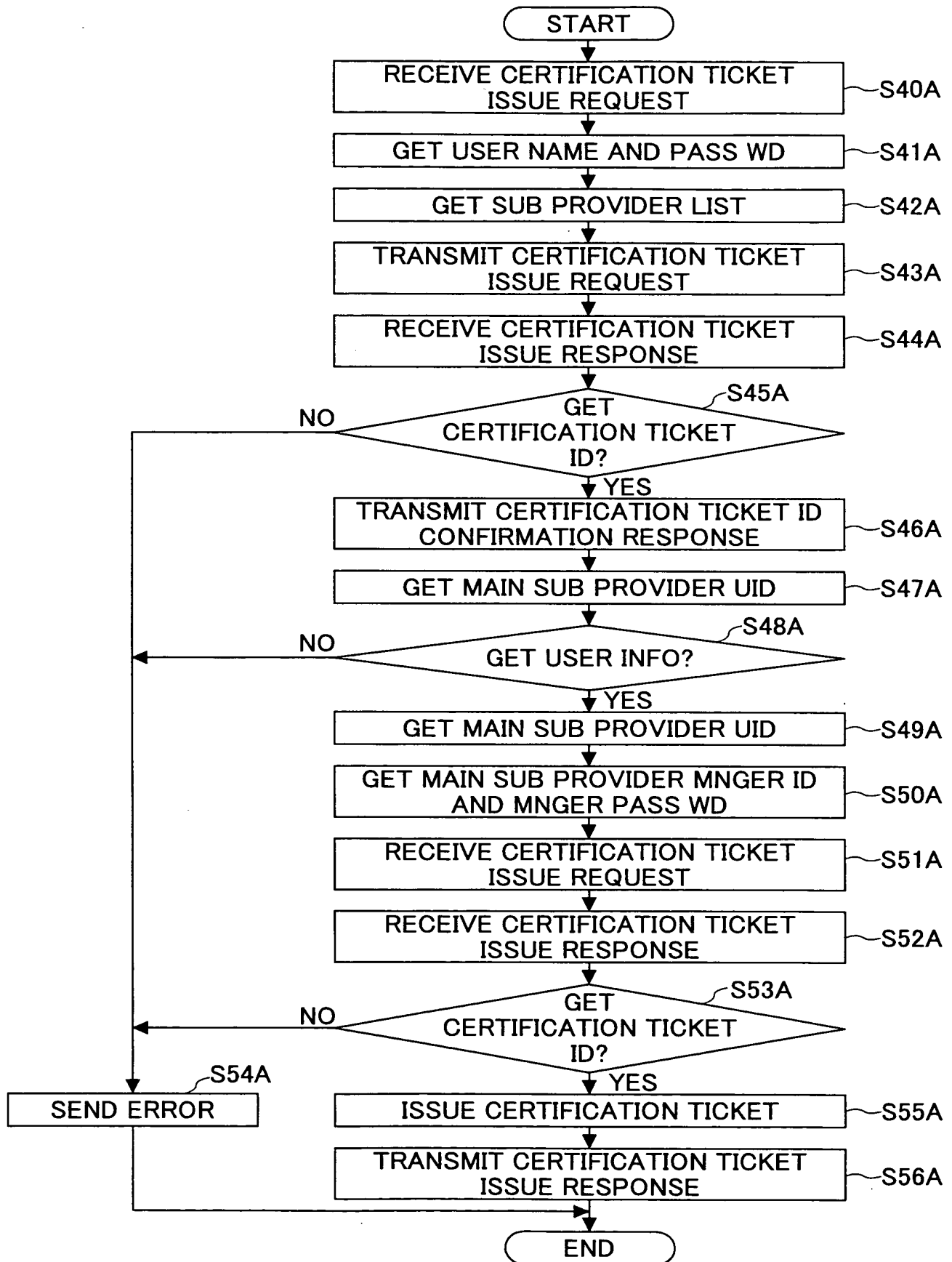


FIG.81

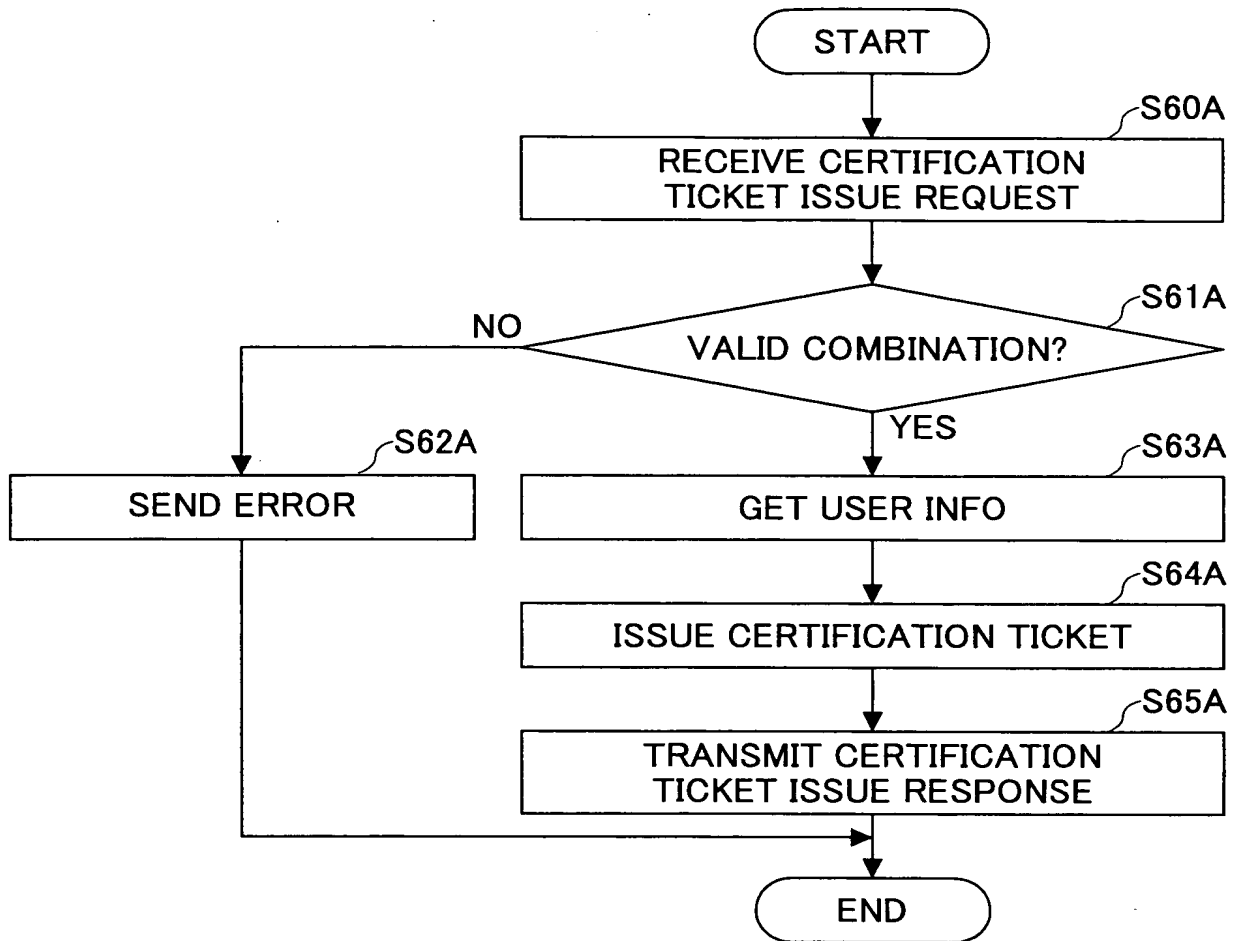


FIG.82

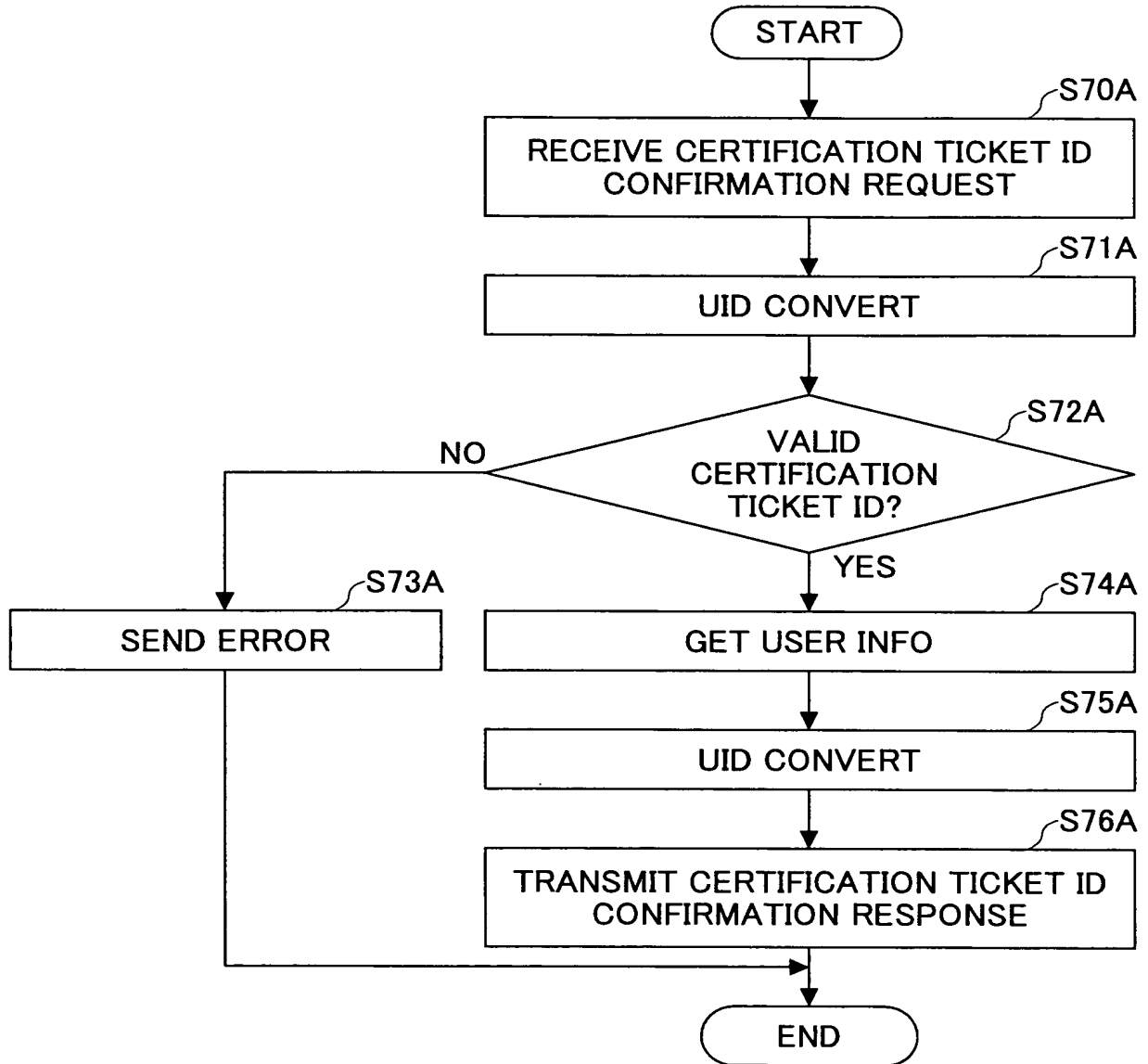


FIG.83

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <authByPassword >  
      <Name>yamada</Name>  
      <passwd>xxxxxxx</passwd>  
    </authByPassword>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.84

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <authByPassword >  
      <Name>yamada</Name>  
      <passwd>xxxxxxx</passwd>  
    </authByPassword>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.85

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <authByPasswordResponse >
      <authTicket>Yhguiogoreg</authTicket>
    </authByPasswordResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.86

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <decodeAuthTicket>
      <authTicket>Yhguiogoreg</authTicket>
    </decodeAuthTicket>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.87

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <decodeAuthTicketResponse >
      <name>yamada</name>
      <id>U:WinNT4:3238994209</id>
      <groupList>
        <item>G:WinNT4:group1</item>
        <item>G:WinNT4:group2</item>
      </groupList>
    </decodeAuthTicketResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.88

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <authByPassword >
      <Name>OOOOOOO</Name>
      <passwd>△△△△△△△</passwd>
    </authByPassword>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.89

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <authByPasswordResponse >  
      <authTicket> moyomoyo </authTicket>  
    </authByPasswordResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.90

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <authByPasswordResponse >  
      <authTicket> hogehogeho </authTicket>  
    </authByPasswordResponse>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```


FIG.91

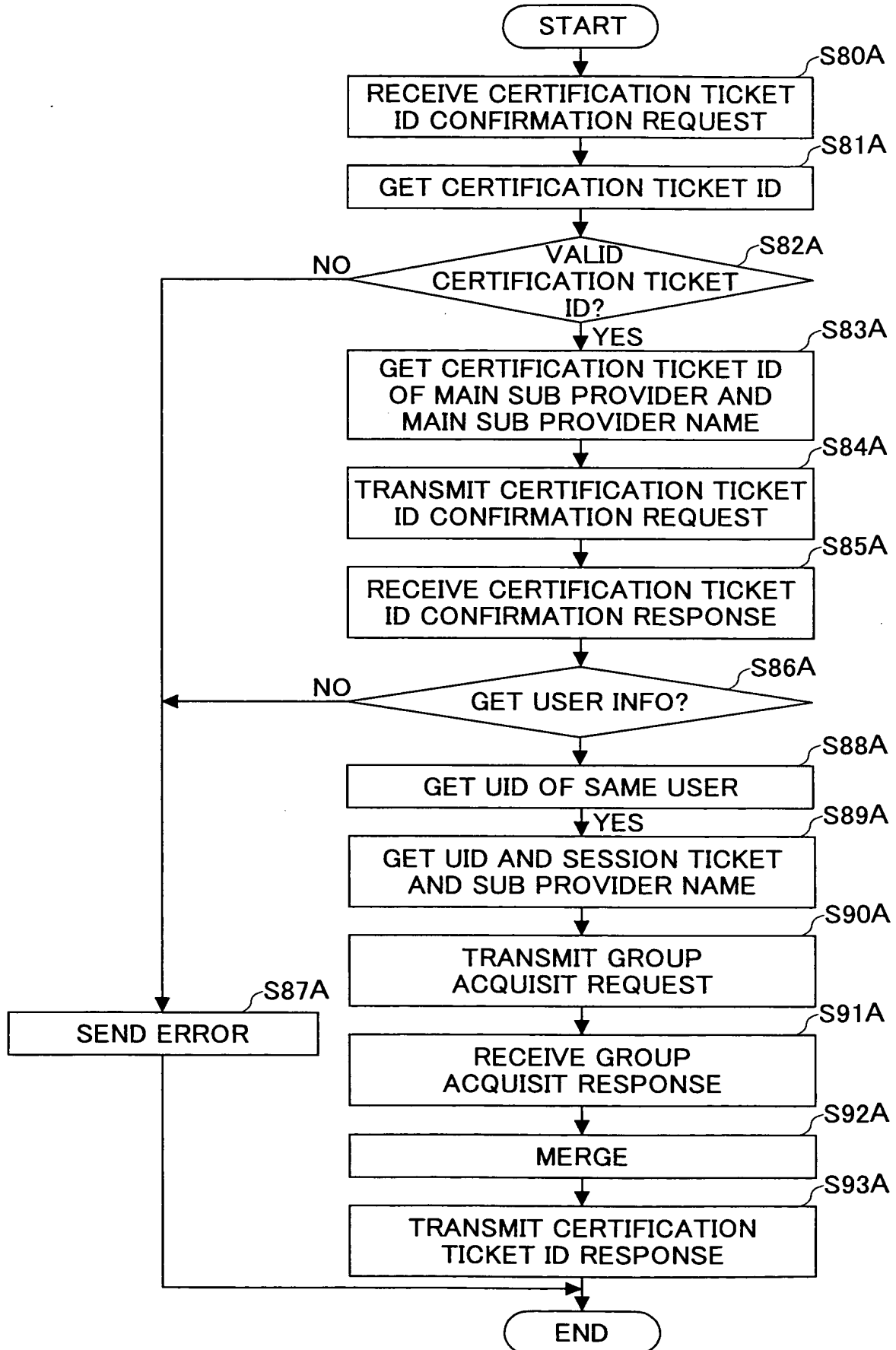


FIG.92

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <decodeAuthTicket>  
      <authTicket>hogehogeho</authTicket>  
    </decodeAuthTicket>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.93

```
<SOAP-ENV:Envelope>  
  <SOAP-ENV:Body>  
    <decodeAuthTicket>  
      <authTicket>moyomoyo</authTicket>  
    </decodeAuthTicket>  
  </SOAP-ENV:Body>  
</SOAP-ENV:Envelope>
```

FIG.94

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <decodeAuthTicketResponse >
      <name>yamada</name>
      <id>U:Local:3238994209</id>
      <groupList>
        <item>G:Local:group1</item>
        <item>G:Local:group2</item>
      </groupList>
    </decodeAuthTicketResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.95

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <decodeAuthTicketResponse >
      <name>yamada</name>
      <id>U:Local:3238994209</id>
      <groupList>
        <item>G:WinNT4:group1</item>
        <item>G:WinNT4:group2</item>
        <item>G:Local:group1</item>
        <item>G:Local:group2</item>
      </groupList>
    </decodeAuthTicketResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.96

UID OF MAIN SUB PROVIDER (SINGLE OR PLURAL)
UID OF SUB-SUB PROVIDER (SINGLE OR PLURAL)
MAIN SUB PROVIDER CERTIFICATION TICKET (SINGLE OR PLURAL)

FIG.97

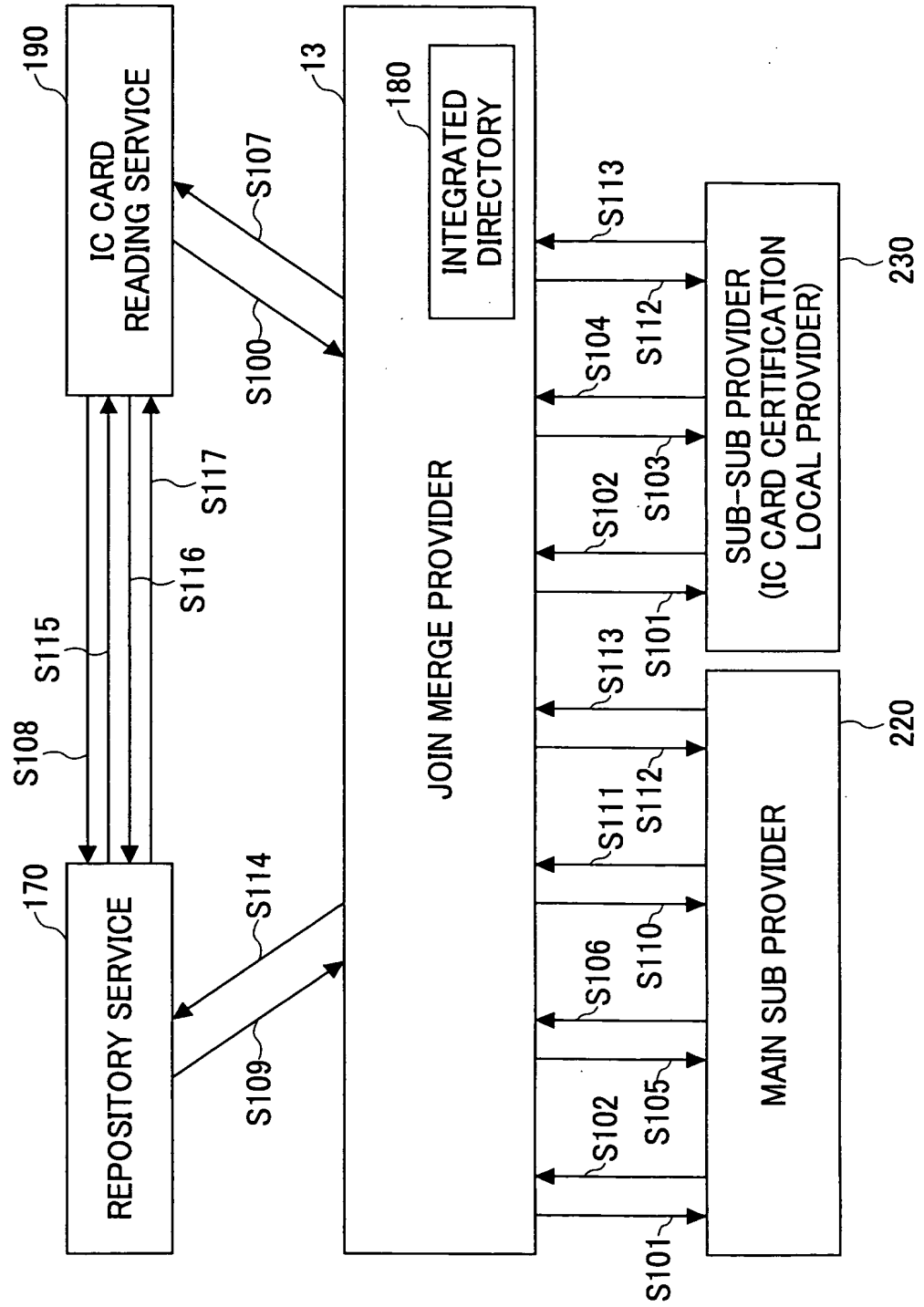


FIG.98

49

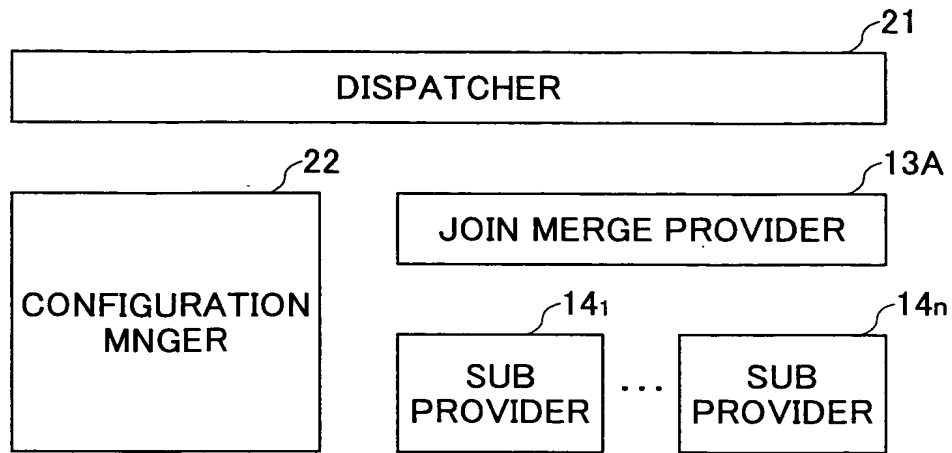


FIG.99

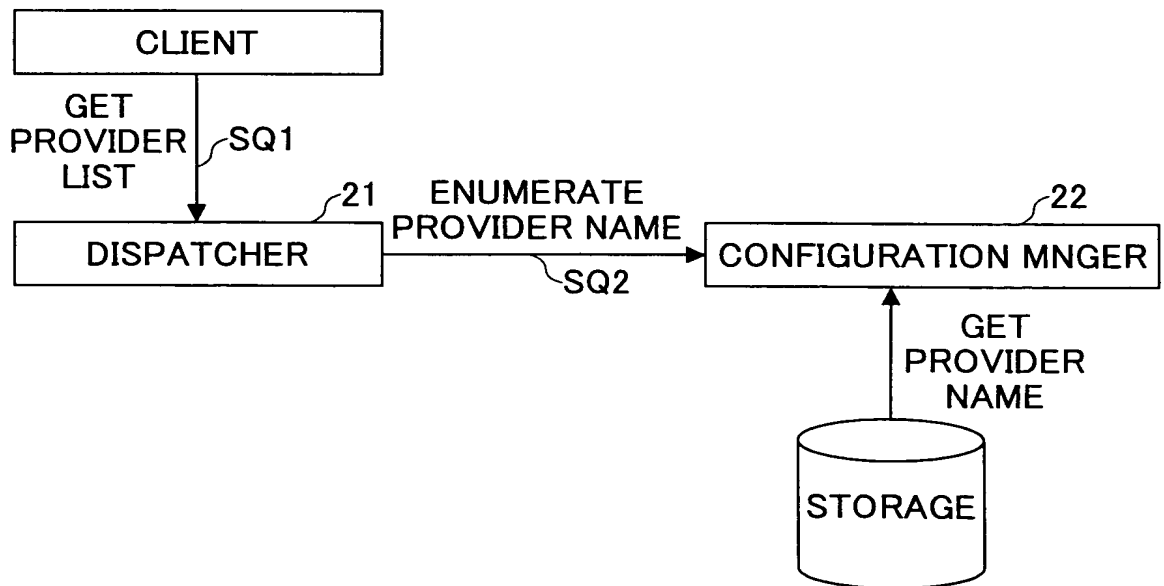


FIG.100

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:getProviderList soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://www.ricoh.co.jp/xmlns/soap/rdh/uadministration-v3">
      <sessionId xsi:type="xsd:string">Y33ggyreg</sessionId>
      <options xsi:type="ns2:ArrayOfProperty" xsi:nil="true"
        xmlns:ns2="http://www.ricoh.co.jp/xmlns/schema/rdh/commontypes" />
    </ns1:getProviderList>
  </soapenv:Body>
</soapenv:Envelope>
```

FIG.101

```

<?xml version="1.0" encoding="UTF-8"?>
<soap nv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:getProviderListResponse soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://www.ricoh.co.jp/xmlns/soap/rdh/uadministration-v3">
      <returnValue xsi:type="soapenc:Array" soapenc:arrayType="xsd:string[9]"
        xmlns:ns2="http://www.ricoh.co.jp/xmlns/schema/rdh/commontypes"
        xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding?">
        <item>admin</item>
        <item>original</item>
        <item>join_original</item>
      </returnValue>
    </ns1:getProviderListResponse>
  </soapenv:Body>
</soapenv:Envelope>

```


FIG.102

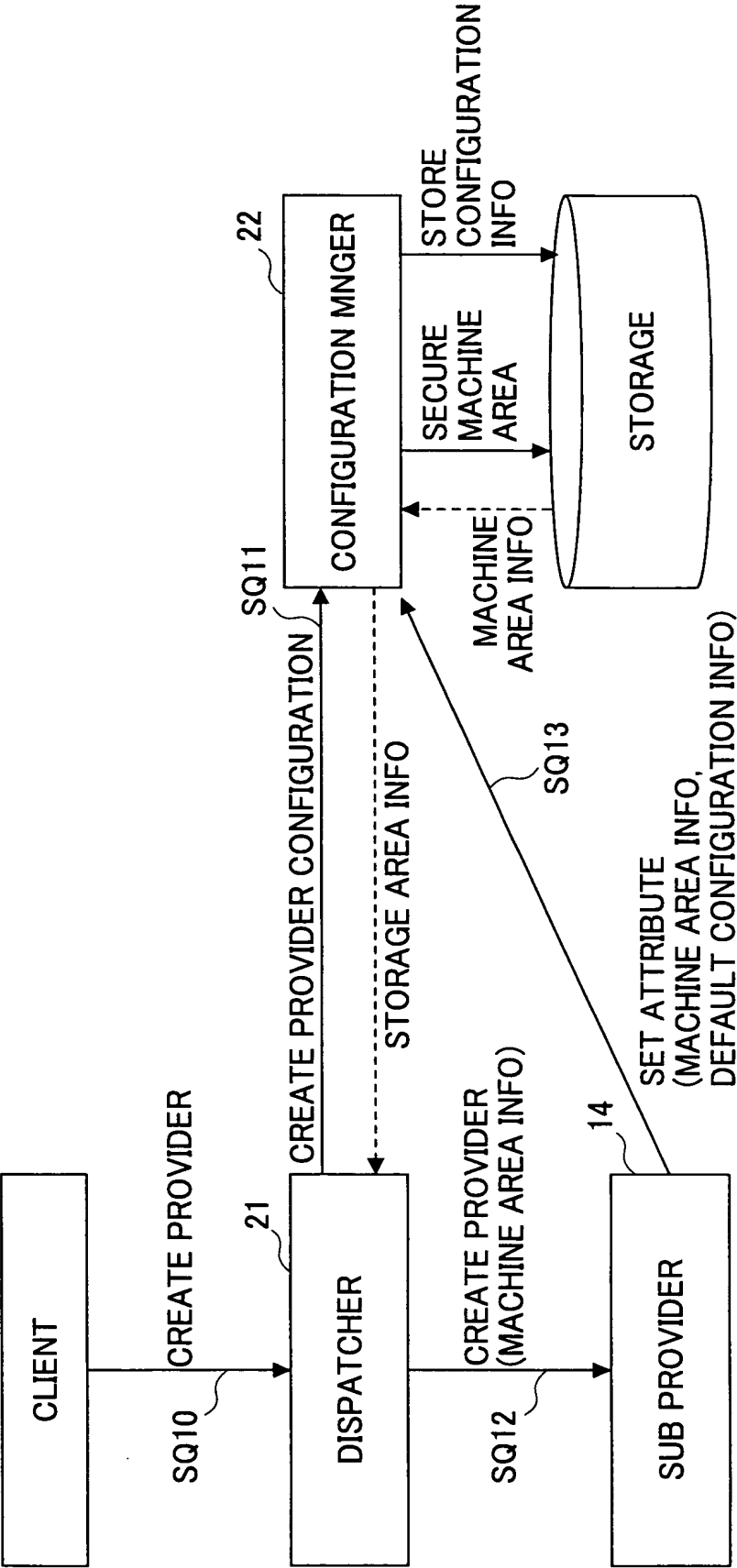


FIG.103

```

<?xml version="1.0" encoding="UTF-8"?>
-<SOAP-ENV:Envelope xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" SOAP-
ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance" xmlns:xsd="http://www.w3.org/1999/XMLSchema">
-<SOAP-ENV:Body>
-<tns:createProvider xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:ua="http://www.ricoh.co.jp/xmlns/schema/rdh/uadministration"
xmlns:tmns="http://www.ricoh.co.jp/xmlns/soap/rdh/uadministration-v3" xmlns:ct="http://www.ricoh.co.jp/xmlns/schema/rdh/commontypes">
<sessionId>Y33gggyreg</sessionId>
<joinMergeprovideName>administrative_test</joinMergeprovideName>
-<propList SOAP-ENC:arrayType="ct:property[1]" xsi:type="SOAP-ENC:Array">
-<item>
<subproviderName>WinNT_test<subproviderName>
<providerType>localdb</providerType>
</item>
</propList>
-<options SOAP-ENC:arrayType="ct:property[1]" xsi:type="SOAP-ENC:Array">
-<item>
<propName>providerType</propName>
<propVal>localdb</propVal>
</item>
</options>
</tmns:createProvider>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

FIG.104

```
<?xml version="1.0" encoding="UTF-8"?>
-<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/1999/XMLSchema"
xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance">
-<soapenv:Body>
-<ns1:createProviderResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://www.ricoh.co.jp/xmlns/soap/rdh/uadministration-v3">
  <returnValue xsi:type="ns2:string"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:ns2="http://www.w3.org/2001/XMLSchema">OK</returnValue>
  </ns1:createProviderResponse>
</soapenv:Body>
</soapenv:Envelope>
```

FIG.105

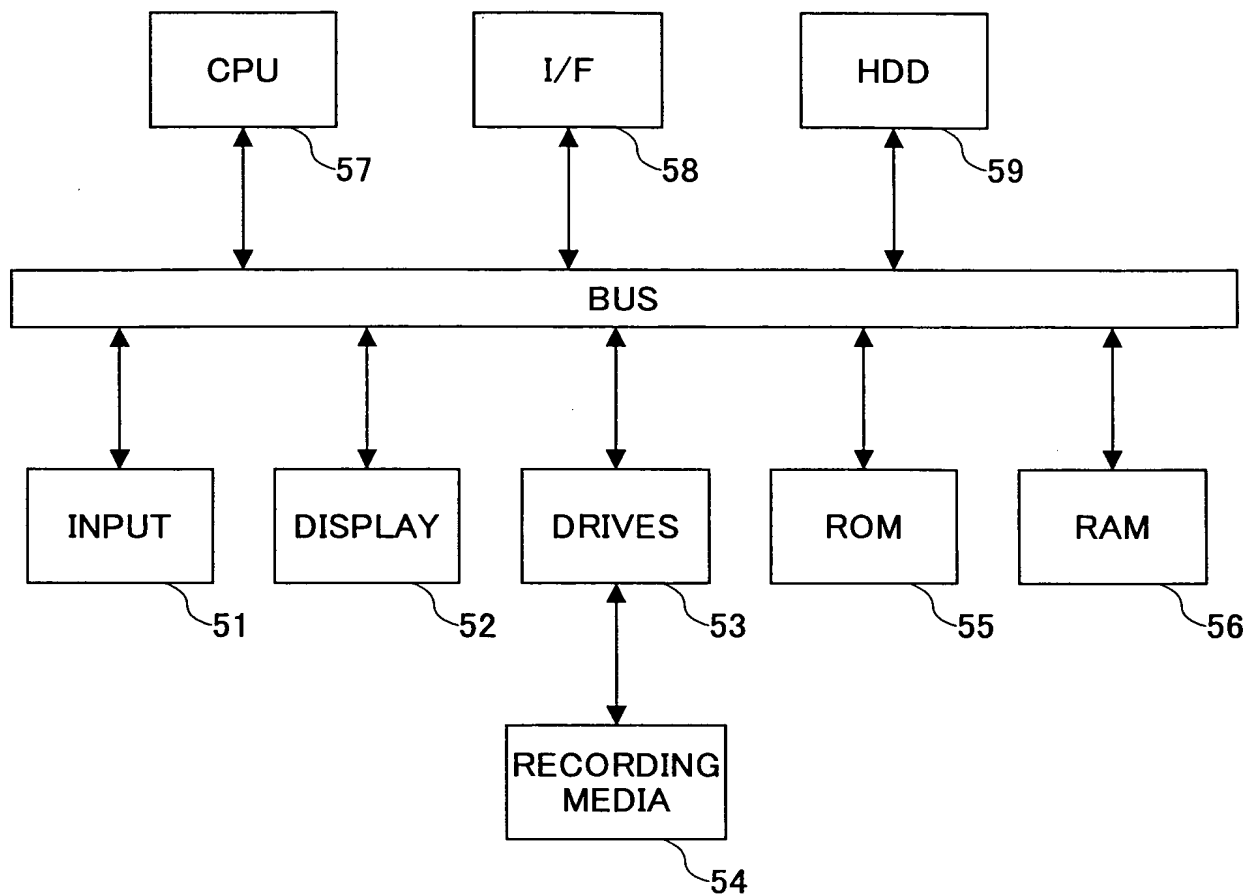


FIG.106

CLIENT

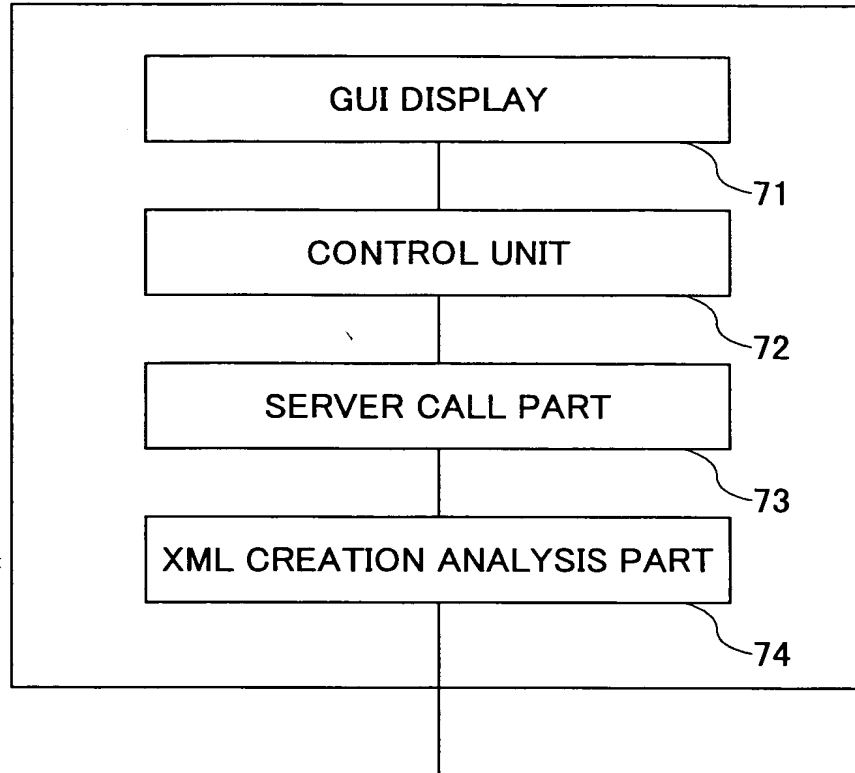


FIG.107A

ユーザ認証プロバイダ設定

%sで使用する認証方式を選択してください。

Ricoh オリジナル認証

▽

Ricoh 認証

○ 自認証サービス設定

● 認証サービス参照

参照

現在この認証を使用しているアプリケーション:RS CS

設定

キャンセル

ヘルプ

OK
OR
CANCEL

REFER

FIG.107B

外部認証の参照

外部認証サービス参照

参照先認証サービス

サービスポート

認証方式

リコーオリジナル認証

OK

キャンセル

REFER

OK
OR
CANCEL

FIG.107C

ユーザ認証サービス管理参照

サーバ名

あ kiddy
あ safety
あ sugar
あ risky

OK

キャンセル

ヘルプ

FIG.108

認証構成

設定する認証構成を選択してください。

WindowsNT 認証

WindowsNT 認証

☒ 自認証設定

☐ 他認証参照

参照

ドメインコントローラの設定

OK ヘルプ

FIG.109

認証構成

設定する認証構成を選択してください。

ActiveDirectory 認証

ActiveDirectory 認証

☒ 自認証設定
☐ 他認証参照

参照

ドメイン名

ドメインユーザ名

パスワード

ドメインコントローラの設定

OK ヘルプ

FIG.110

認証構成

設定する認証構成を選択してください。

Notes 認証

Notes 認証

☒ 自認証設定

☐ 他認証参照

参照

サーバ名

ドメイン名

ドメインユーザ名

パスワード

OK

ヘルプ

FIG.111

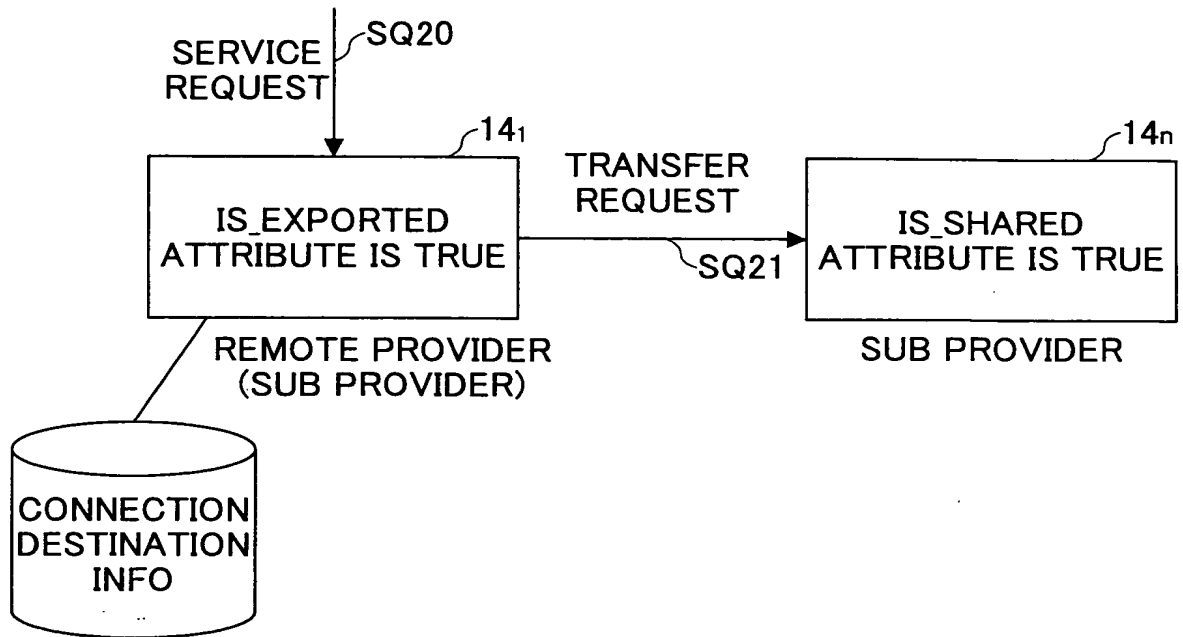


FIG.112

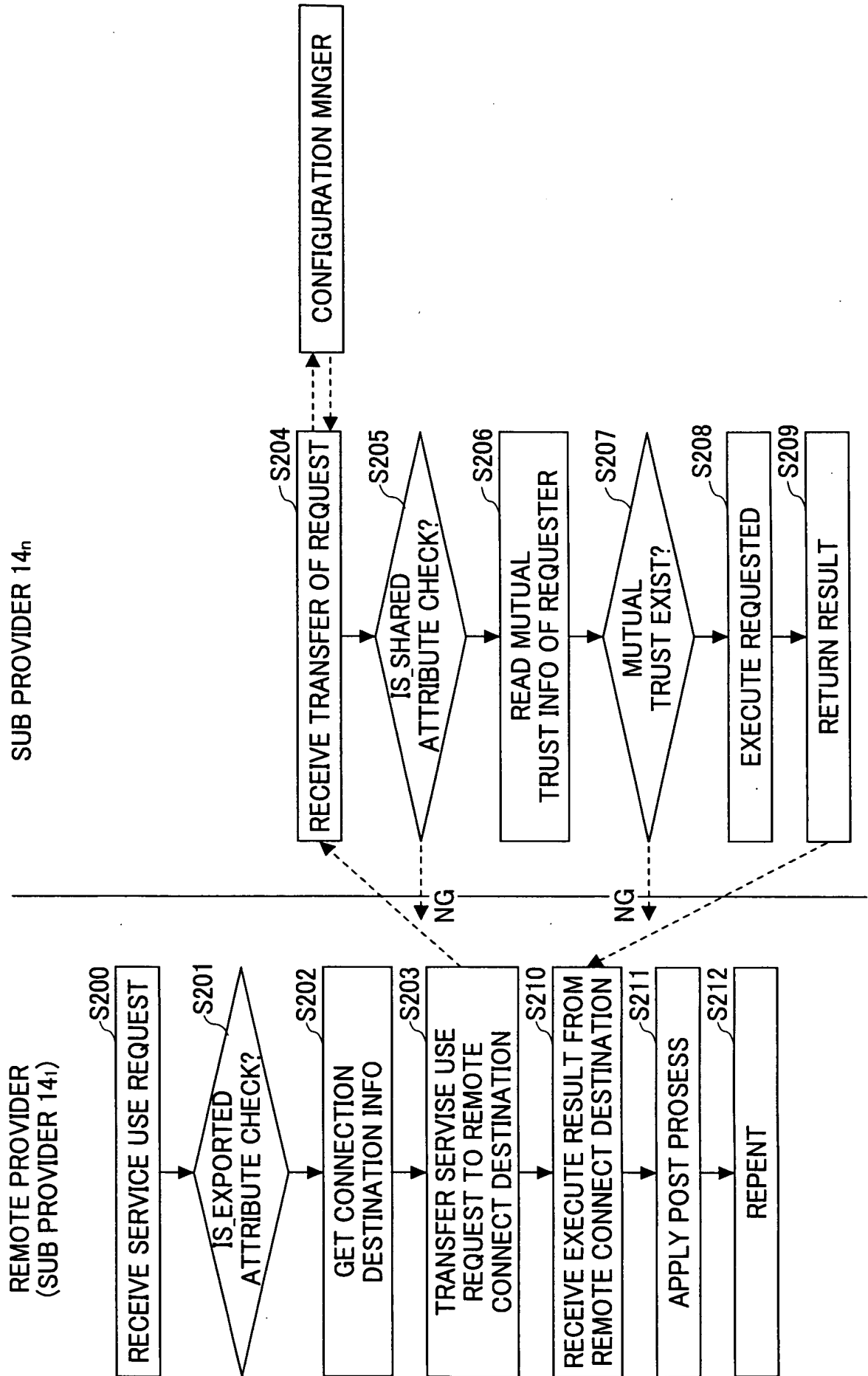


FIG.113

49

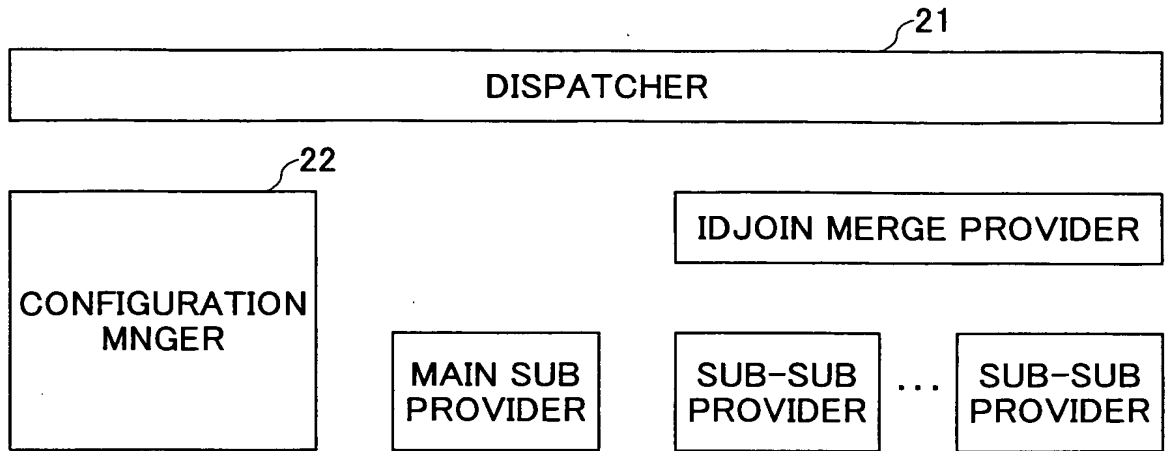


FIG.114

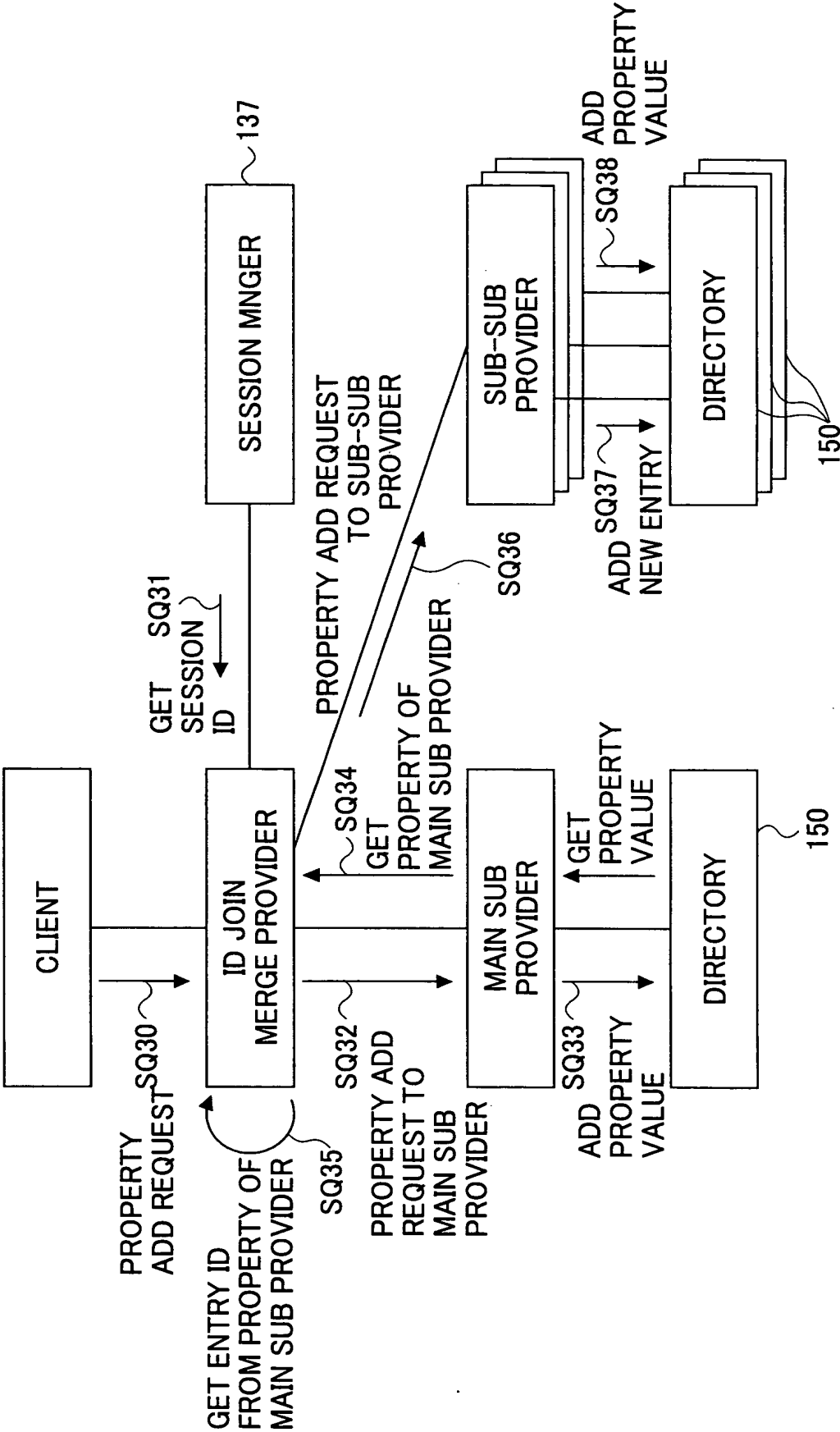


FIG.115

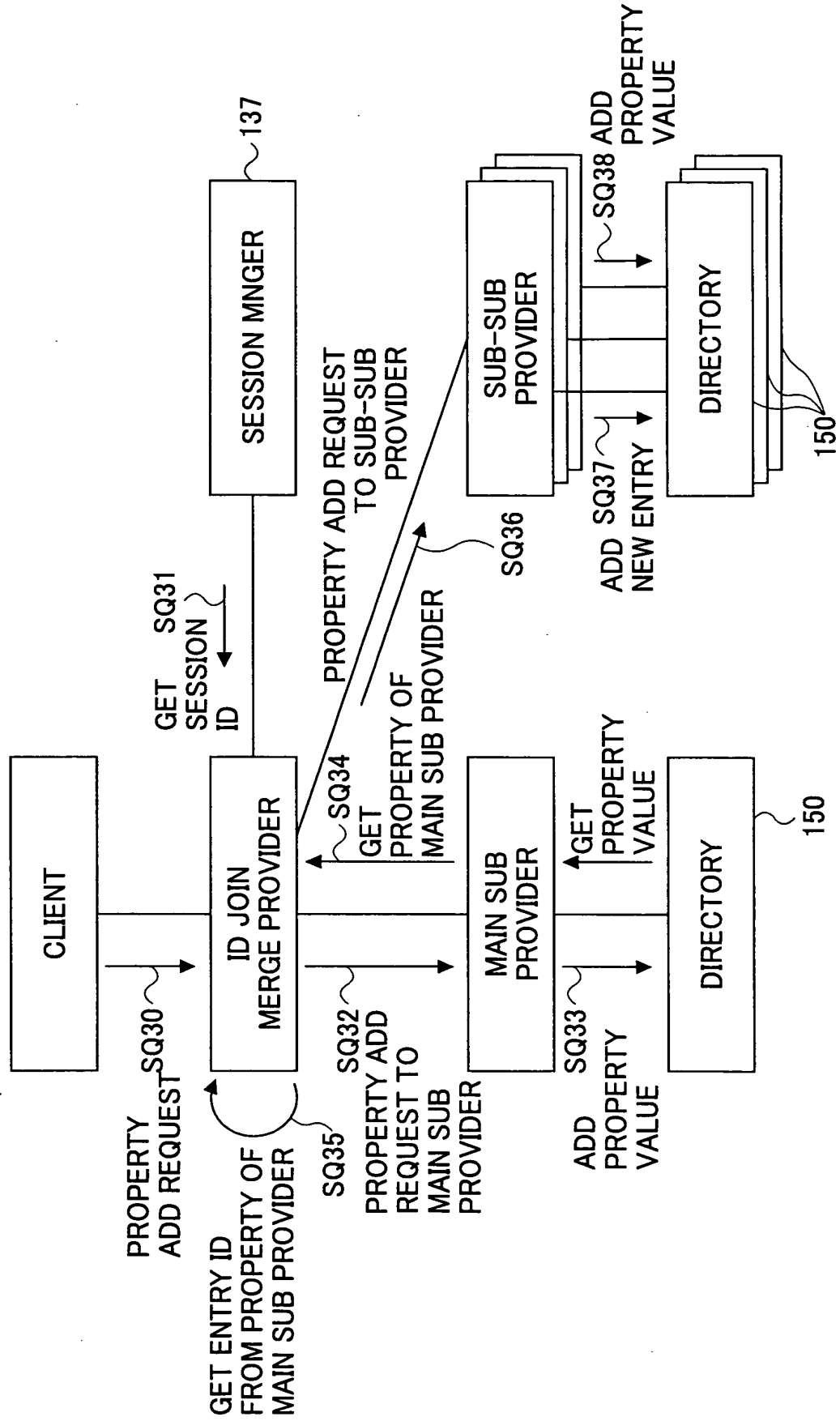


FIG.116

```

<?xml version="1.0" encoding="UTF-8"?>
-<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
-<soapenv:Body>
  --<ns1:getEntryProperty soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    xmlns:ns1="http://www.ricoh.co.jp/xmlns/soap/rdh/udirectory-v3">
    -<sessionId xsi:type="xsd:string">Y33ggyreg</sessionId>
    -<entry href="#id0" /></ns1:getEntryProperty>-<multiRef id="id0" soapenc:root="0"
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xsi:type="ns2:entry"
      xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns2="http://www.ricoh.co.jp/xmlns/schema/rdh/udirectory">
      -<id xsi:type="xsd:string">U:DH:107ebe1:f81bf60da7:-8000858bda3c</id>
      -<entryType xsi:type="xsd:string" xsi:nil="true" />
      -<userSpace xsi:type="xsd:string" xsi:nil="true" />
      -<domainName xsi:type="xsd:string" xsi:nil="true" />
      -<name xsi:type="xsd:string" xsi:nil="true" />
      -<shortName xsi:type="xsd:string" xsi:nil="true" />
      -<longName xsi:type="xsd:string" xsi:nil="true" />
      -<phoneticName xsi:type="xsd:string" xsi:nil="true" />
      -<index xsi:type="xsd:string" xsi:nil="true" />
      -<isProtected xsi:type="xsd:boolean">false</isProtected>
      -<propPrefixes xsi:type="xsd:string" xsi:nil="true" />
      -</multiRef>
    -</soapenv:Body>
    -</soapenv:Envelope>
  
```

FIG.117

```

<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:getEntryPropertyResponse soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:ns1="http://www.ricoh.co.jp/xmlns/soap/rdh/udirectory-v3">
      <returnVal xsi:type="xsd:string">
        OK</returnVal>
      <properties xsi:type="soapenc:Array" soapenc:arrayType="ns2:property[18]" xmlns:ns2="http://www.ricoh.co.jp/xmlns/schema/rdh/commontypes"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
        <item>
          <propName xsi:type="xsd:string">
            objectId</propName>
          <propVal xsi:type="xsd:string">
            entry%U:DH:107ebe1-f81bf60da7--8000858bda3c</propVal>
          <item>
            (中略)
          <item>
            <propName xsi:type="xsd:string">
              mail:address</propName>
            <propVal xsi:type="xsd:string">
              UAUD_Admin@ricoh.com</propVal>
            <item>
              (中略)
            <item>
              <propName xsi:type="xsd:string">
                mail:address</propName>
              <propVal xsi:type="xsd:string">
                UAUD_Admin@ricoh.com</propVal>
            <item>
              (中略)
            <properties>
              <folders xsi:type="soapenc:Array" soapenc:arrayType="ns3:folder[1]" xmlns:ns3="http://www.ricoh.co.jp/xmlns/schema/rdh/udirectory"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
                <item>
                  <id xsi:type="xsd:string"/>
                  <folderType xsi:type="xsd:string">
                    root</folderType>
                  <name xsi:type="xsd:string"/>
                  <phoneticName xsi:type="xsd:string"/>
                  <pathName xsi:type="xsd:string"/>
                </item>
              </folders>
            </ns1:getEntryPropertyResponse>
          </soapenv:Body>
        </soapenv:Envelope>
      
```


FIG.118

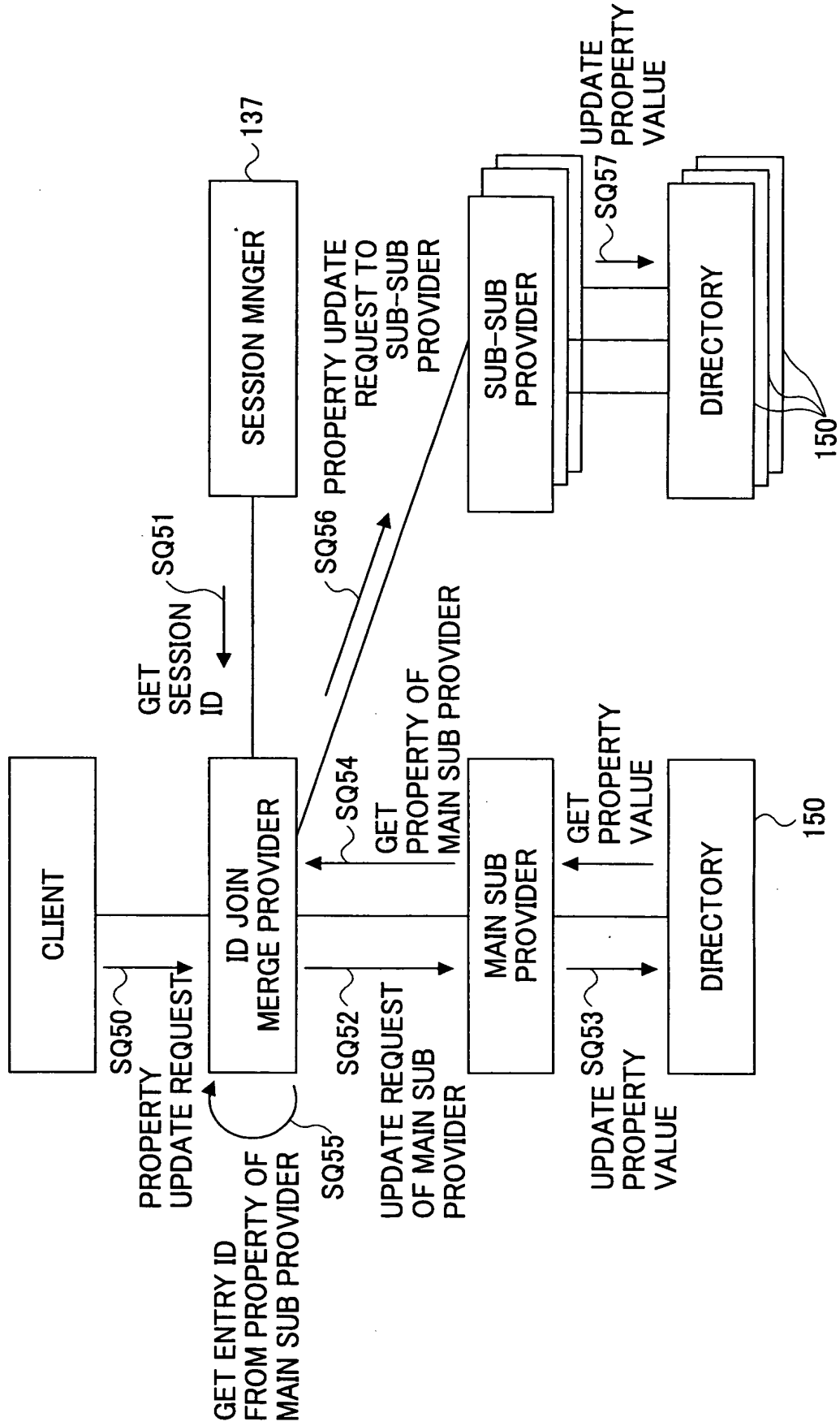


FIG. 119

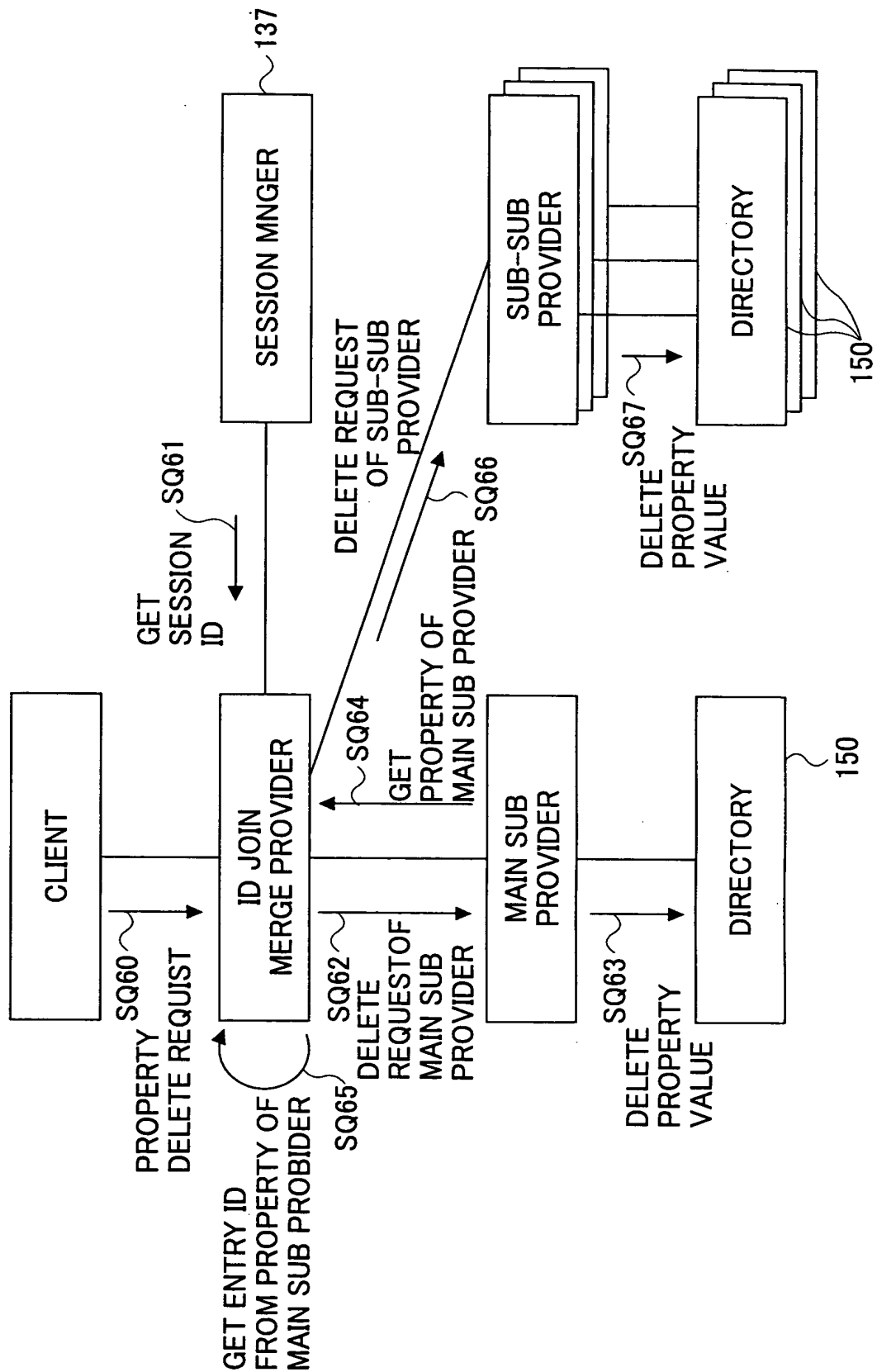


FIG.120A

USER PROPERTY [X]

GENERAL

@ HOGE

NEW PASSWORD: *****

CONFIRMATION INPUT OF PASSWORD: *****

OK CANCEL HELP

FIG.120B

USER PROPERTY [X]

GENERAL

@ HOGE

NEW PASSWORD: *****

CONFIRMATION INPUT OF PASSWORD: *****

ADDITIONAL PROPERTY INPUT: CONTENT OF INPUT

ADDITIONAL PROPERTY INPUT: CONTENT OF INPUT

ADDITIONAL PROPERTY INPUT: CONTENT OF INPUT

ADDITIONAL PROPERTY INPUT: CONTENT OF INPUT

OK CANCEL HELP